Revised Noise Study Report

Southgate Solar Project

October 2016

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1. INTRODUCTION

Southgate Solar LP (SSLP) proposes to develop a solar facility with a maximum name plate capacity of 50 megawatts alternating current (MWac) located near Mount Forest, in the Township of Southgate, County of Grey, Ontario (**Figure 1**). The renewable energy facility will be known as the Southgate Solar Project (the "Project").

Southgate Solar LP initiated the Project through a power purchase agreement (PPA) with the Ontario Power Authority. The Project will require approval under *Ontario Regulation 359/09* under Part V.0.1 of the *Ontario Environmental Protection Act*. On November 6, 2015, a REA was issued for the construction of the Southgate Solar Project. A copy of the issued REA [**REA No. 5525-A32HG6**] is provided in Appendix A of the Modification Document. Since then, SSLP and their construction contractor, PCL Constructors Canada Inc. (PCL), have completed detailed design of the solar facility and as part of their detailed design have determined technical efficiencies that can be realized in the construction of the solar project.

Availability of more efficient equipment, and the inclusion of operational flexibility in the approved REA allows for the reduction of the number of solar panels and MV Stations. As such, the proponent is proposing some technical changes to the preliminary design. Since the REA is based on the preliminary design, the proponent is seeking a technical change to the REA.

The redesign of the project layout has resulted in relocation of the MV stations, resulting in the need to prepare and submit a revised Noise Study Report. The key changes to the facility include:

- Reduction in the total number of project components, including solar modules, MV Stations, racking, piles and access roads;
- Reduction in the project footprint;
- Selection of temporary construction laydown areas;
- Reconfiguration of project components including internal access roads, solar modules, and MV Stations resulting in a revised Stormwater Management Report; and
- Replacement of the 26 MVAR Line Reactor with a 7.5 MVAR (max power) Shunt Reactor.

This *Noise Study Report* (NSR) assesses the impact of the above changes and documents the compliance of the Project with Ministry of the Environment and Climate Change (MOECC) Publication *NPC-300 Environmental Noise Guideline's* limits for stationary sources in Class 3 Areas (Rural).

SOUTHGATE SOLAR PROJECT

FIGURE 1
GENERAL PROJECT LOCATION

1:500,000

0 2.5 5 10 15 km

N
W E
S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: JP
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149154 - Samsung Southgate\mxd\Records Review

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PROJECT: 149154
STATUS: DRAFT
DATE: 9/25/2014

2. THE PROPONENT

Southgate Solar LP strives to satisfy various environmental approval requirements and obtains regulatory approvals for this project. In addition, Southgate Solar LP aims to build long-term relationships with the community that host its project. Southgate Solar LP is committed to the health and welfare of the residents of the Township of Southgate, and to ensure that the Southgate Solar Project is successful for stakeholders.

Contact information for the Proponent is as follows:

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Dillon Consulting Limited is the prime contractor for the preparation of this report. The contact at Dillon is:

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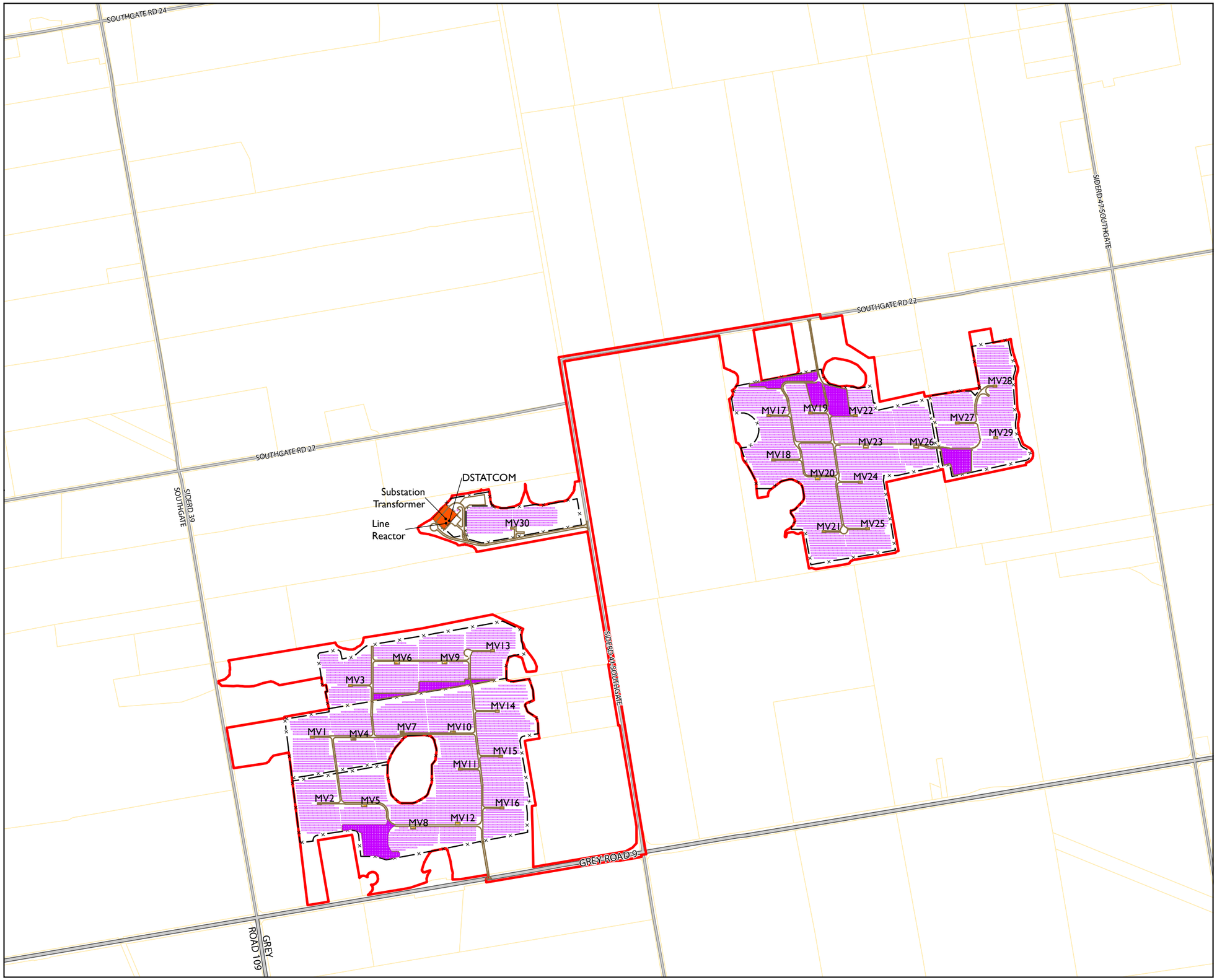
3. PROJECT LOCATION

The proposed Class 3 Solar Facility is to be located within the Township of Southgate, in the County of Grey, approximately 11 kilometres north of the community of Mount Forest. The proposed project location consists of approximately 189 hectares (467 acres) and is contained within an area bounded in the north by Southgate Road 22, Grey Road 9 to the south, Southgate Sideroad 47 to the east, and Southgate Sideroad 39 to the west. The proposed project location, consisting of multiple privately-owned parcels, is to be leased by Southgate Solar LP. It has an approximate centroid at the following geographic coordinates:

- Latitude: 44° 6' 7.78" N
- Longitude: 80° 44' 49.91" W

Figure 1 shows the general location of the Project in Ontario. The Project Location is defined in *Ontario Regulation 359/09* to be "a part of land and all or part of any building or structure in, on or over which a person is engaging in or proposes to engage in the project".

Figure 2 shows the proposed revised layout and location of the project components, including the dominant noise sources: MV Stations, the substation transformer, DSTATCOM and Shunt Reactor.



SOUTHGATE SOLAR PROJECT

FIGURE 2
SITE PLAN - COMPONENT LAYOUT

- Noise_Sources
- Laydown Area
- Access Road
- Substation
- Solar Panel
- Inverter
- Fence
- Project Location Boundary
- Parcel Boundary

1:15,000

0 100 200 400 600 m

N W E S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: AI
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149154 - Samsung Southgate\mxd\Noise

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PROJECT: 149154
STATUS: FINAL
DATE: 7/19/2016

4. OVERVIEW OF NOISE STUDY

4.1 Summary of Acoustic Environment & Applicable Noise Limits

The proposed solar facility will be located primarily within lands currently Zoned by the Township of Southgate as Agricultural. The Official Plan for the Township of Southgate designates the Project Location as agricultural, with some land designated as hazard lands and rural. The upper-tier municipality (County of Grey) designates the lands as agricultural and rural, with some hazard lands. The proposed Project Location is comprised of land that is privately owned and will be leased to operate Southgate Solar LP's ground-mount solar project for 20 years.

In accordance with *Ontario Regulation 359/09*, Noise Study Reports are required for Class 3 solar facilities to be prepared in accordance with **Appendix A***, Supporting Information for an Acoustic Assessment Report or Vibration Assessment Report Required by a Basic Comprehensive CofA* to the 2004 MOECC Publication *Basic Comprehensive Certificates of Approval (Air & Noise) – User Guide.*

Based on the above, the background ambient noise, exclusive of that generated by the Project, can be characterized as having qualities of a Class 3 Area, as described in the MOECC Noise Pollution Control Publication NPC-300.

The NPC-300's Class 3 Area exclusionary limits of 45 dBA for daytime (07:00 to 19:00), 40 dBA for evening (19:00 to 23:00) and 40 dBA for night-time (23:00 to 07:00) were selected to represent the performance limits at noise-sensitive receptors. For the purposes of this report, since the limits for evening and night-time are the same, the night-time is defined as 19:00 to 07:00.

4.2 Statement of Compliance

The analysis presented in this report confirms that for the noise sources and their relevant specifications presented in this report, the proposed Project complies with the Class 3 Areas (rural) daytime and night-time noise criteria as defined in NPC-300.

5. FACILITY DESCRIPTION

In total, between 190,000-195,000 solar panels of 305 – 315 (or higher) watts (DC) each will be installed for the Project. The panels will be aligned in rows approximately 8 to 12 m apart and will be mounted on 28 - 42 degree fixed tilt ground mounting system. Based on the results of a geotechnical investigation, it is anticipated that dead man pile will be used to minimize potential negative environmental effects. Further details on the racking system and supporting structures are provided in the *Design and Operations Report*.

Photovoltaic (PV) panels will be the technology used to convert solar energy into electricity. DC electricity generated from the panels will be collected and converted into AC electricity by inverters which are contained in multiple medium voltage (MV) stations. The AC voltage will be "stepped-up" to 34.5 kilovolt (kV) through multiple MV stations and connected to the main high voltage (HV) substation transformer where the voltage will be stepped-up to 230 kV and connected to the transmission grid. An MV station houses multiple components, including inverters and an MV transformer and SCADA monitoring equipment. The components that emit noise are as follows:

- **Substation Transformer (Source ID: TRS)**

One (1) 34.5 kV, 55 mega volt ampere (MVA) (max) high-voltage (HV) substation transformer will be installed to step-up the current for connection with the grid. The HV transformer is being manufactured by Virginia Transformer Corp. (VT) and is rated at 50 MWac. For the purposes of this study, conservatively, the maximum sound power level for a larger transformer that can achieve compliance was calculated and used in the analysis. VT transformer drawing and calculation details are presented in **Appendix A**. The calculation includes a 5 dB tonal penalty across the octave spectrum. Based on noise test results received from the same manufacturer for a similar project, it is expected that the noise level for the actual transformer will be lower than the value used (100.7 dBA) in this assessment.

- **DSTATCOM Inverter System (Source ID: DSTAT)**

The proposed Project will include one (1) Distributed STATic COMpensator (DSTATCOM) inverter system at the main HV substation transformer, which will maintain high MVAR output at depressed system voltages. Since the DSTATCOM can maintain a constant current over its operating voltage range, the MVAR output of the system is linearly proportional to the system voltage. The DSTATCOM also has a short-term transient current rating, which allows it to provide even more MVAR to assist in the recovery of depressed voltages.

The DSTATCOM inverter system includes four (4) inverter blocks which are mounted in a single self-standing frame and are enclosed in a steel container (DSTATCOM container). Each inverter has its own controls, circuit breaker and a small AC filter used to eliminate high-frequency harmonic voltages in the output of the pulse width modulated (PWM) waveform coming from the inverter. Each inverter is connected to a 2.5 MVA pad-mounted transformer (a total of four transformers per DSTATCOM inverter system). The DSTATCOM system has a power rating of 10 MVAR.

The noise data for the DSTATCOM inverter system was obtained from a repot completed by HGC Engineering, dated October 21, 2013. A copy of the report is provided in **Appendix A**. Conservatively, noise data for the higher powered system (i.e., 10 MVAR) was used for the DSTATCOM system.

- **Reactor (Source ID: LR)**

The high-voltage substation also includes one (1) 3-phase reactor (Shunt Reactor) with a max power rating of 7.5 MVAR. This reactor will replace the previously approved 26 MVAR line reactor. The function of the shunt reactor is to compensate the capacitive reactive power of the system by absorbing reactive power, and thus improving the stability and efficiency of the system. The noise for the reactor was calculated using manufacturer-specified data and calculation of spectrum similar to that of a transformer. Manufacturer data and calculations are presented in ***Appendix A***.

- **Medium Voltage Stations**

For the Project, there are 30 Medium Voltage (MV) Stations, each consisting of two (2) inverters and one (1) 1.6 MVA inverter transformer. The noise sources are as follows:

  - ***Inverters (Source ID: MV##) –*** A total of 60 inverters (to convert DC to AC current) will be used at the Project Location. Each inverter will have its own cabinet-type enclosure and will be mounted on a concrete platform inside a larger enclosure. Each inverter enclosure will include two (2) inverters. The inverters will be SMA's model SC800CP, rated for up to 833 kW of continuous power output for this project. The manufacturer's noise data for the inverter is provided in ***Appendix A***.
  - ***Inverter Transformers (Source ID: MV##T) –*** A total of 30 inverter transformers will be installed beside the inverter enclosures at each MV Station to boost the AC voltage for connection to the grid. The inverter transformers will have a power rating of up to 1.6 MVA. The inverter transformers will boost the voltage from 360 V to 34.5 kV for connection to the high-voltage substation transformer. The inverter transformers will be located on concrete platforms next to the inverter enclosures. The noise data for the inverter transformer was obtained from field measurement data presented in HGC Engineering Report (See **Appendix A**).

Figure 2 identifies the facility components. The octave spectra and the overall Sound Power Levels (PWLs) for on-site noise sources are presented in **Table 1**.

Table 1: Summary of Noise Source Types

Source		Octave Spectrum (dB)									Overall	
Type	Count	31.5	63	125	250	500	1000	2000	4000	8000	A	Lin
Substation Transformer (55 MVA)*	1	97.4	103.4	105.4	100.4	100.4	94.4	89.4	84.4	77.4	100.7	109.4
1.6 MVA Inverter Transformer	30		46	56	54	52	50	43	50	46	56.1	60.4
Inverter (800 kW)	60	96.2	89.1	86.7	88.2	88.3	82.7	86.4	95	84.4	97.3	100.4
DSTATCOM 10 mVAR	1		93	111	95	91	80	74	84	74	96.6	111.2
Reactor	1	83.6	89.6	91.6	86.6	86.6	80.6	75.6	70.6	63.6	87	95.6

Note:
A: A-weighted, Lin: Linear
The manufacturer-specified A-weighted spectra were converted to linear spectra and presented in this table.
The 5 dB tonal penalty is included in the sound power levels presented in the table.

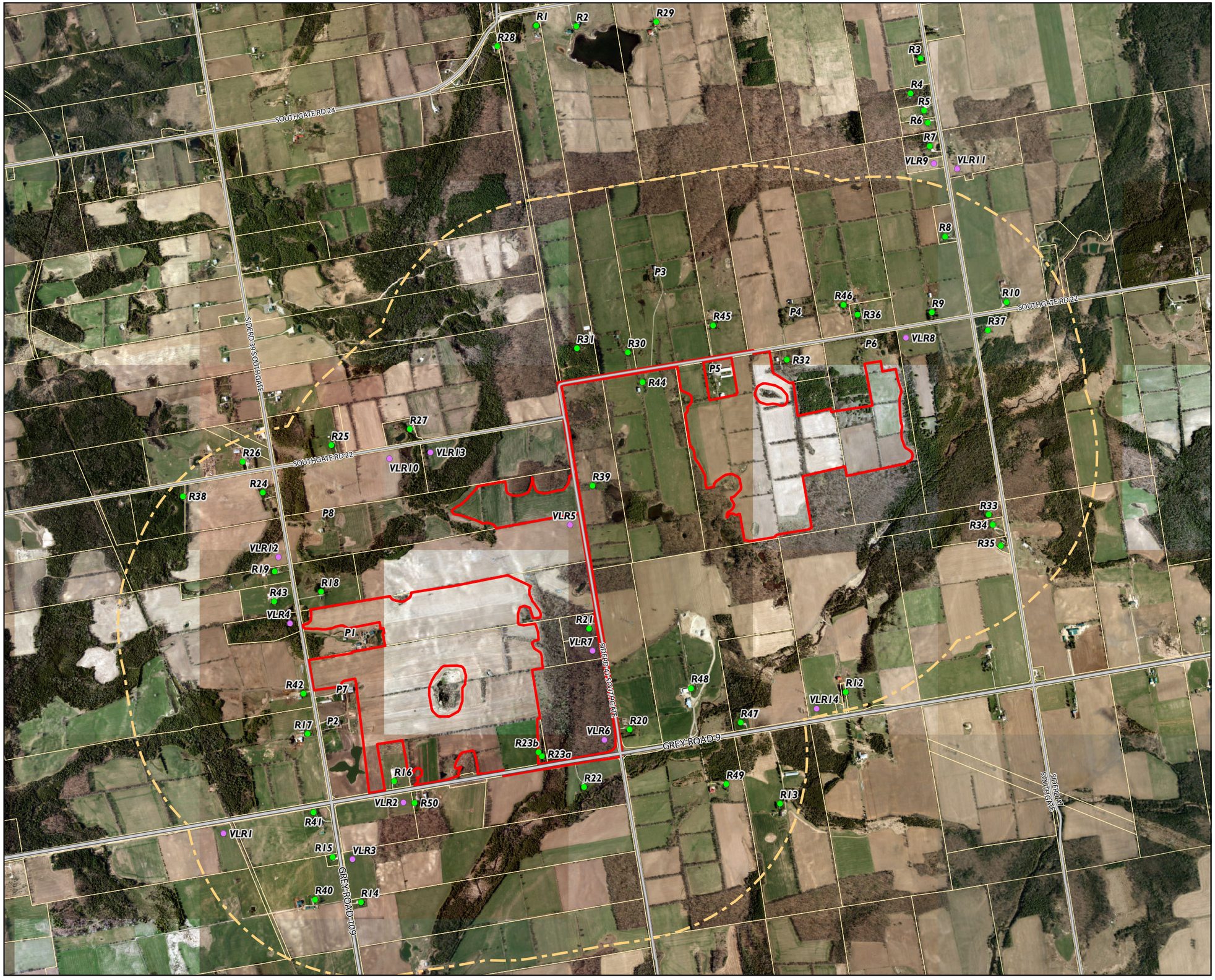
*The substation transformer for this Project will be a VT 55 MVA ONAF transformer. The maximum noise level for the TRS that will achieve compliance was calculated and used in this assessment.

5.1 Operating Hours of Facility

The solar facility is designed to operate 365 days per year. The solar panels are only able to generate electricity when the sun is shining. Similarly, the inverters only operate when the solar panels are generating electricity. Furthermore, the inverters infrequently operate at full power as full power output requires a clear sky when the sun is at peak intensity. For this assessment the inverters and transformers were conservatively assumed to be operational at full power (i.e., maximum noise emission) during both daytime (07:00 to 19:00) and night-time (19:00 to 07:00) hours [note: night-time power generation occurs after 19:00 during the summer].

5.2 Site Plan Identifying All Significant Noise Sources

Figures 3 illustrates the Project Location and identifies noise sources associated with the facility. **Figure 3** also identifies 'Potential Noise Receptors' within 1 kilometre of the Project Location. In addition, as per *Ontario Regulation 359/09* and guidance documents from the MOECC, 'Assumed Future Noise Receptors' must be identified on vacant lots measuring at least 100 metres by 100 metres. Fourteen (14) vacant lot noise receptors have been identified and are included in the analysis, all of which are within 1 kilometre of the Project Location (see **Figure 3**). At present, there is no known existing or planned solar facilities in the vicinity that must be considered for modelling.



SOUTHGATE SOLAR PROJECT

FIGURE 3
SCALED AREA LOCATION PLAN

- Noise Receptor
- Vacant Lot Noise Receptor
- Project Location Boundary
- Project Location 1000 m Setback
- Parcel Boundary

1:20,000

0 100 200 400 600 m

N W E S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: AI
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149154 - Samsung Southgate\mxd\Noise

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PROJECT: 149154
STATUS: FINAL
DATE: 10/12/2016

6. NOISE SOURCE SUMMARY

6.1 Noise Source Summary Table

The significant noise sources identified in this noise study are listed in **Table 2**. This table contains sound power levels, source location, sound characteristics, and noise control measures that already exist as a part of the original equipment.

Table 2: Noise Source Summary

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	Coordinates		Height (m)
					X (m)	Y (m)	
MV01	100.3	O	T	U	518939	4882365	2
MV02	100.3	O	T	U	518969	4882095	2
MV03	100.3	O	T	U	519094	4882575	2
MV04	100.3	O	T	U	519108	4882357	2
MV05	100.3	O	T	U	519156	4882087	2
MV06	100.3	O	T	U	519284	4882666	2
MV07	100.3	O	T	U	519303	4882385	2
MV08	100.3	O	T	U	519350	4881997	2
MV09	100.3	O	T	U	519478	4882666	2
MV10	100.3	O	T	U	519516	4882386	2
MV11	100.3	O	T	U	519540	4882235	2
MV12	100.3	O	T	U	519530	4882016	2
MV13	100.3	O	T	U	519674	4882715	2
MV14	100.3	O	T	U	519694	4882471	2
MV15	100.3	O	T	U	519703	4882288	2
MV16	85.2	O	T	S	519712	4882078	2
MV17	100.3	O	T	U	520793	4883670	2
MV18	100.3	O	T	U	520812	4883490	2
MV19	100.3	O	T	U	520962	4883680	2
MV20	100.3	O	T	U	520990	4883415	2
MV21	100.3	O	T	U	521016	4883200	2
MV22	100.3	O	T	U	521146	4883670	2

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	Coordinates		Height (m)
					X (m)	Y (m)	
MV23	100.3	O	T	U	521185	4883542	2
MV24	100.3	O	T	U	521166	4883400	2
MV25	100.3	O	T	U	521194	4883210	2
MV26	100.3	O	T	U	521394	4883542	2
MV27	100.3	O	T	U	521558	4883640	2
MV28	100.3	O	T	U	521712	4883790	2
MV29	100.3	O	T	U	521715	4883580	2
MV30	100.3	O	T	U	519752	4883213	2
MV01T	56.1	O	T	U	518945	4882365	2
MV02T	56.1	O	T	U	518974	4882095	2
MV03T	56.1	O	T	U	519099	4882575	2
MV04T	56.1	O	T	U	519114	4882357	2
MV05T	56.1	O	T	U	519150	4882087	2
MV06T	56.1	O	T	U	519278	4882666	2
MV07T	56.1	O	T	U	519309	4882385	2
MV08T	56.1	O	T	U	519356	4881997	2
MV09T	56.1	O	T	U	519484	4882666	2
MV10T	56.1	O	T	U	519510	4882386	2
MV11T	56.1	O	T	U	519546	4882235	2
MV12T	56.1	O	T	U	519536	4882016	2
MV13T	56.1	O	T	U	519669	4882715	2
MV14T	56.1	O	T	U	519688	4882471	2
MV15T	56.1	O	T	U	519709	4882288	2
MV16T	56.1	O	T	U	519707	4882078	2
MV17T	56.1	O	T	U	520798	4883670	2
MV18T	56.1	O	T	U	520818	4883490	2
MV19T	56.1	O	T	U	520967	4883680	2
MV20T	56.1	O	T	U	520995	4883415	2
MV21T	56.1	O	T	U	521022	4883200	2

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	Coordinates		Height (m)
					X (m)	Y (m)	
MV22T	56.1	O	T	U	521140	4883670	2
MV23T	56.1	O	T	U	521191	4883542	2
MV24T	56.1	O	T	U	521160	4883400	2
MV25T	56.1	O	T	U	521189	4883210	2
MV26T	56.1	O	T	U	521388	4883542	2
MV27T	56.1	O	T	U	521564	4883640	2
MV28T	56.1	O	T	U	521706	4883790	2
MV29T	56.1	O	T	U	521709	4883580	2
MV30T	56.1	O	T	U	519757	4883213	2
TRS	100.7	O	T	U	519488	4883250	4.3
DSTAT	96.6	O	T	U	519505	4883281	2.5
LR	87	O	T	U	519489	4883270	3.05

Note:
PWL (dBA) represents A-weighted overall sound power level for each noise source.

Noise Source Summary Table Notes:

1. Source Locations

O – located/installed outside of a building, including on the roof

I – located/installed inside a building

2. Sound Characteristics

S – Steady

Q – Quasi Steady Impulsive

I – Impulsive

B – Buzzing

T – Tonal

C – Cyclic

Int – Intermittent

3. Noise Control Measures

S – silencer, acoustic louver, muffler

A – acoustic lining, plenum

B – barrier, berm, screening

L – lagging

E – acoustic enclosure

O – other

U – uncontrolled

6.2 Noise Source Specifications

Noise source specifications including manufacturer-specified noise data and calculation of transformer noise levels are provided in **Appendix A**.

6.3 Source Power/Capacity Ratings

Manufacturer data for capacity and operating specifications for primary noise sources can be found in **Appendix A.**

6.4 Noise Control Description & Acoustical Specifications

For all the inverter stations, the inverters will each be contained in a cabinet (as per the specifications presented in **Appendix A**) and a secondary enclosure. The secondary enclosure

will have louvers for ventilation through which noise can propagate to outside. Conservatively, no additional noise mitigation measures were incorporated in the modelling for the secondary enclosure. The secondary enclosure will have openings for ventilation. Through modelling iterations it was determined that acoustic louvers will be required for one (1) of the inverter enclosures (i.e., MV16). The subject receptor for this requirement is R23, which is located south-southeast of the MV16. The exceedance was determined only for the outdoor living area, 30m from the dwelling (at R23) in the direction of the noise source. As such, acoustic louvers will be installed on the ventilation openings of MV16 that are in the direct line-of-sight of R23 (i.e., intake and exhaust on the south face of the enclosure). The Transmission Loss (TL) spectrum for the acoustic louver is provided in **Table 3**. It should be noted that the TL Spectra for the intake and exhaust louvers are different, however, conservatively, lower of the two (as presented in Table 3) was used in the modelling. The enclosure has two other ventilation openings which face north. Manufacturer specifications for the acoustic louvers are provided in **Appendix A**.

Table 3: Noise Attenuation Data for Acoustic Louver

Noise Source	Noise Control		TL Spectrum (dB)					
	Type	Manufacturer	125	250	500	1000	2000	4000
MV16	Acoustic Louver	Greenheck or equivalent	4	7	15	18	18	16

Note: The TL spectrum is for the enclosure's acoustic louvers.

7. POINT OF RECEPTION NOISE IMPACT ANALYSIS

7.1 Land Use Zoning Plan

The proposed solar facility will be located primarily within lands currently Zoned by the Township of Southgate as Agricultural. The Official Plan for the Township of Southgate designates the Project Location as Agricultural, with some land designated as Hazard Lands and Rural. The upper-tier municipality (County of Grey) designates the lands as Agricultural and Rural, with some Hazard Lands. Zoning and land use information is found in the Section 5.3 in *Design and Operations Report* of the REA submission as well as in **Appendix C** of this report.

7.2 Scaled Area Location Plan

Figure 3 is an aerial photo showing the location of the proposed Project as well as the surrounding area and nearby receptors.

7.3 Points of Reception (PORs) List and Description

The Model Municipal Noise Control By-Law defines a Point of Reception (POR) / receptor as "*any point on the premises of a person where sound or vibration originating from other than those premises is received.*" Noise-sensitive receptors, as defined in MOECC Publication NPC-300, include the following land uses:

- Permanent, seasonal, or rental residences
- Hotels, motels and campgrounds
- Schools, universities, libraries and daycare centres
- Hospitals and clinics, nursing/retirement homes
- Churches and places of worship

A receptor height of 4.5 metres was considered for all receptors, assuming a 2-storey dwelling at each receptor location (with the exception of R23, which includes a second point of reception at a height of 1.5m and 30m from the dwelling). The UTM coordinates (NAD83) and heights of the receptors used in the noise modelling are summarized in **Table 4**. For the vacant lots, the centres of the 100 metre x 100 metre lots that follow the building patterns in the area were chosen to represent the receptor locations, as per relevant MOECC guidelines. Zoning map of the area is provided in **Appendix C**.

Table 4: Noise Sensitive Receptors

Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
R1	Existing Noise Receptor	519828	4885842	4.5
R2	Existing Noise Receptor	520044	4885839	4.5
R3	Existing Noise Receptor	521911	4885662	4.5
R4	Existing Noise Receptor	521857	4885474	4.5
R5	Existing Noise Receptor	521930	4885381	4.5
R6	Existing Noise Receptor	521950	4885315	4.5
R7	Existing Noise Receptor	521960	4885188	4.5
R8	Existing Noise Receptor	522044	4884698	4.5
R9	Existing Noise Receptor	521972	4884286	4.5
R10	Existing Noise Receptor	522376	4884344	4.5
R11	Existing Noise Receptor	522594	4884570	4.5
R12	Existing Noise Receptor	521505	4882229	4.5
R13	Existing Noise Receptor	521149	4881624	4.5
R14	Existing Noise Receptor	518878	4881090	4.5
R15	Existing Noise Receptor	518724	4881336	4.5
R16	Existing Noise Receptor	519058	4881746	4.5
R17	Existing Noise Receptor	518588	4882002	4.5
R18	Existing Noise Receptor	518661	4882773	4.5
R19	Existing Noise Receptor	518410	4882883	4.5
R20	Existing Noise Receptor	520335	4882026	4.5
R21	Existing Noise Receptor	520115	4882572	4.5
R22	Existing Noise Receptor	520087	4881714	4.5
R23a	Existing Noise Receptor	519858	4881880	4.5
R23b	30m offset from R23a	519840	4881904	1.5
R24	Existing Noise Receptor	518346	4883309	4.5

Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
R25	Existing Noise Receptor	518717	4883567	4.5
R26	Existing Noise Receptor	518236	4883477	4.5
R27	Existing Noise Receptor	519141	4883653	4.5
R28	Existing Noise Receptor	519616	4885730	4.5
R29	Existing Noise Receptor	520478	4885862	4.5
R30	Existing Noise Receptor	520324	4884070	4.5
R31	Existing Noise Receptor	520048	4884092	4.5
R32	Existing Noise Receptor	521186	4884030	4.5
R33	Existing Noise Receptor	522280	4883191	4.5
R34	Existing Noise Receptor	522303	4883136	4.5
R35	Existing Noise Receptor	522346	4883022	4.5
R36	Existing Noise Receptor	521568	4884275	4.5
R37	Existing Noise Receptor	522275	4884190	4.5
R38	Existing Noise Receptor	517912	4883290	4.5
R39	Existing Noise Receptor	520132	4883347	4.5
R40	Existing Noise Receptor	518629	4881104	4.5
R41	Existing Noise Receptor	518620	4881578	4.5
R42	Existing Noise Receptor	518565	4882221	4.5
R43	Existing Noise Receptor	518406	4882721	4.5
R44	Existing Noise Receptor	520403	4883908	4.5
R45	Existing Noise Receptor	520787	4884216	4.5
R46	Existing Noise Receptor	521493	4884328	4.5
R47	Existing Noise Receptor	520935	4882063	4.5
R48	Existing Noise Receptor	520666	4882250	4.5
R49	Existing Noise Receptor	520857	4881730	4.5
R50	Existing Noise Receptor	519168	4881628	4.5

Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
VLR1	Vacant Lot Noise Receptor	518133	4881463	4.5
VLR2	Vacant Lot Noise Receptor	519108	4881632	4.5
VLR3	Vacant Lot Noise Receptor	518832	4881323	4.5
VLR4	Vacant Lot Noise Receptor	518493	4882602	4.5
VLR5	Vacant Lot Noise Receptor	520011	4883135	4.5
VLR6	Vacant Lot Noise Receptor	520196	4881971	4.5
VLR7	Vacant Lot Noise Receptor	520133	4882452	4.5
VLR8	Vacant Lot Noise Receptor	521831	4884149	4.5
VLR9	Vacant Lot Noise Receptor	521982	4885094	4.5
VLR10	Vacant Lot Noise Receptor	519032	4883494	4.5
VLR11	Vacant Lot Noise Receptor	522109	4885064	4.5
VLR12	Vacant Lot Noise Receptor	518431	4882960	4.5
VLR13	Vacant Lot Noise Receptor	519254	4883529	4.5
VLR14	Vacant Lot Noise Receptor	521347	4882140	4.5

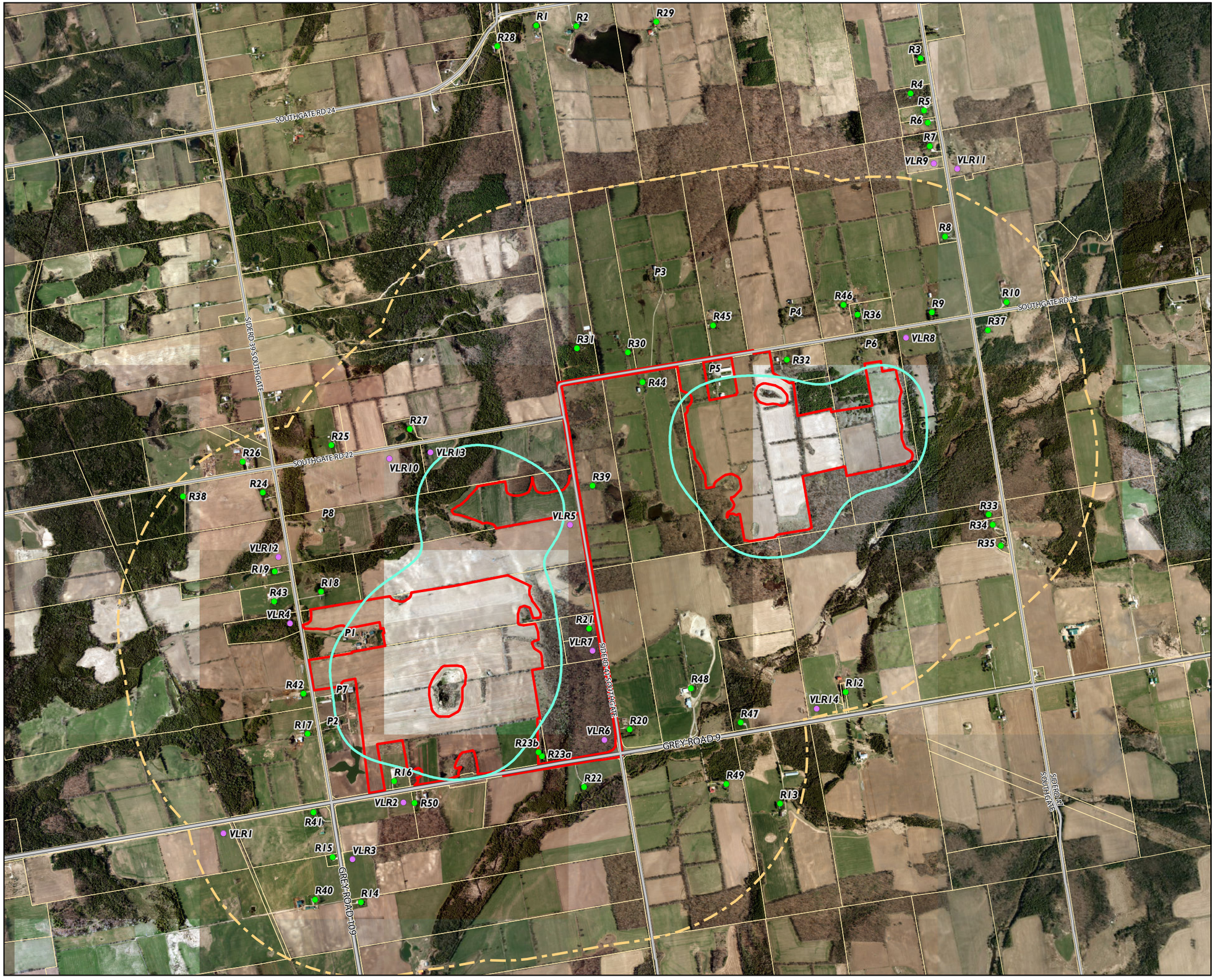
7.4 Procedure for Assessing Noise Impacts at Each POR

7.4.1 Method Selection Factors

The worst-case noise emission scenario at each POR was modeled using the CADNA/A software program from DataKustik GmbH. The outdoor noise propagation model is based on ISO 9613, Part 1: Calculation of the absorption of sound by the atmosphere, 1993 and Part 2: General method of calculation (ISO-9613-2: 1996). The model is capable of incorporating various site-specific features such as elevation, berms, ground absorption and barriers to accurately predict noise levels at specific receptors, pertaining to noise emissions from a particular source(s). Modeling output in the form of sound level contour (for 40 dBA) are presented in **Figures 4** and **5** for 1.5 m and 4.5 m elevation, respectively.

7.4.2 Ambient Determination

No on-site measurements were made to assess the background ambient noise level at the noise-sensitive receptors. Therefore, conservatively, the MOECC's default day and night-time criteria for a Class 3 Area were used for this assessment.



SOUTHGATE SOLAR PROJECT

FIGURE 4
PREDICTED NOISE LEVEL CONTOURS AT 1.5 m HEIGHT

- Noise Receptor
- Vacant Lot Noise Receptor
- 40 dBA Noise Contour at 1.5 m
- Project Location Boundary
- Project Location 1000 m Setback
- Parcel Boundary

1:20,000

0 100 200 400 600 m

N W E S

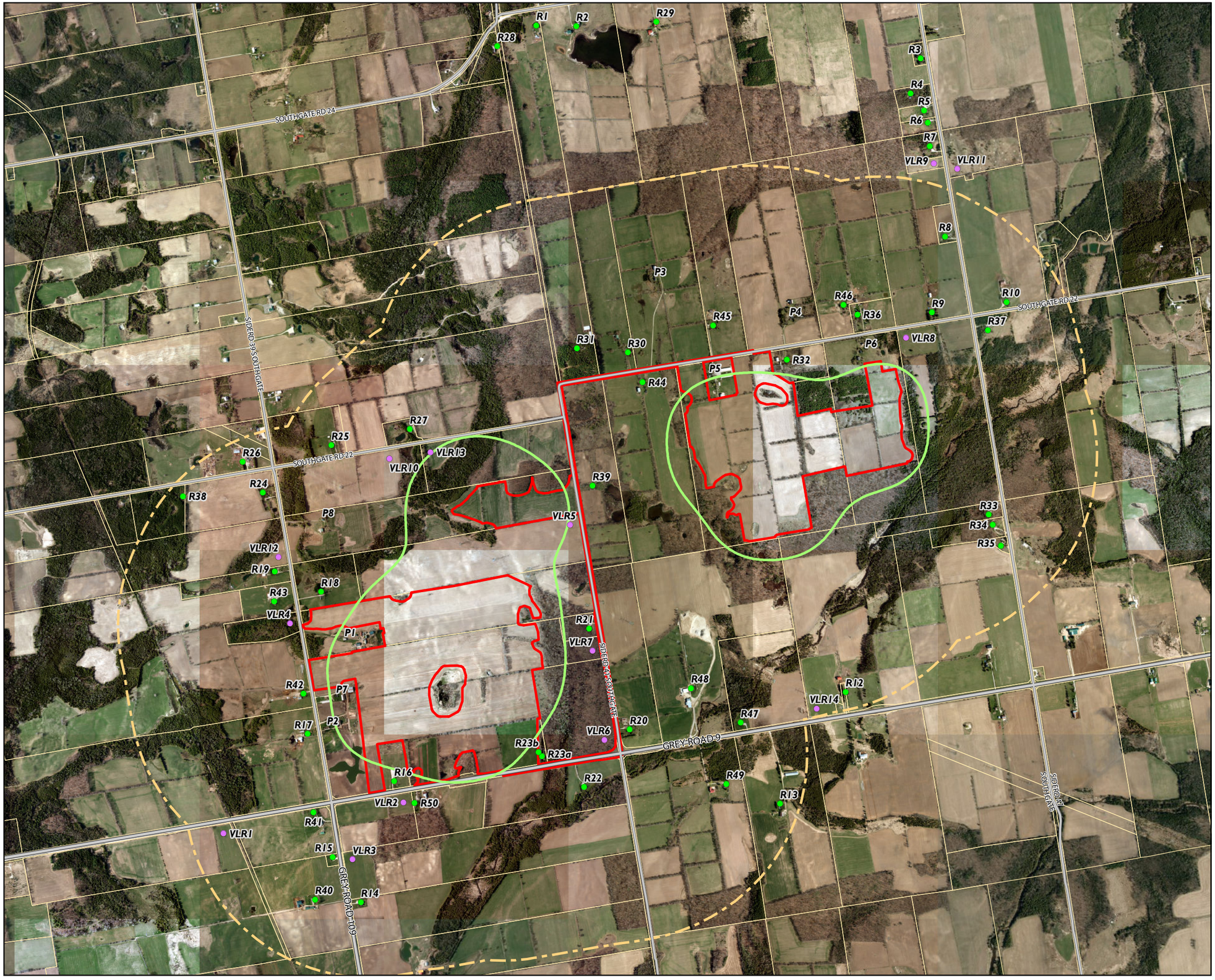
MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: AI
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149154 - Samsung Southgate\mxd\Noise

DILLON CONSULTING

PROJECT: 149154
STATUS: FINAL
DATE: 10/12/2016



SOUTHGATE SOLAR PROJECT

FIGURE 5
PREDICTED NOISE LEVEL CONTOURS AT 4.5 m HEIGHT

- Noise Receptor
- Vacant Lot Noise Receptor
- 40 dBA Noise Contour at 4.5 m
- Project Location Boundary
- Project Location 1000 m Setback
- Parcel Boundary

1:20,000

0 100 200 400 600 m

N W E S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: AI
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149154 - Samsung Southgate\mxd\Noise

DILLON CONSULTING

PROJECT: 149154
STATUS: FINAL
DATE: 10/12/2016

7.5 Parameter/Assumptions for Calculations

Manufacturer-specified noise data and calculated noise levels were used in the CADNA/A software to model the noise impact at each Point of Reception (POR). Also incorporated in the modelling was the site layout for the project and the terrain elevation (i.e., elevation contours) for the Project Location and surrounding areas. The noise impact for each receptor was modelled assuming the worst-case noise emission scenario at the site. The dominant noise sources for the facility include:

- MV Stations (consisting of inverters and inverter transformers)
- DSTATCOM Unit
- Shunt Reactor
- Substation Transformer

Detailed information on these dominant noise sources is provided in **Section 5**.

Receptors – A receptor height of 4.5 metres representing a receiver in the plane of a second floor window (i.e., 2-storey dwelling) was assumed for each of the receptors (except for R23b, which has a receptor height of 1.5m).

Reflections – Conservatively, sources were modeled assuming a third order reflection.

Ground Absorption – For the noise modeling, a ground absorption coefficient of 0.7 was used to represent the mostly absorptive, vegetated areas, between the on-site sources and receptors.

Topography – The Project Location may be graded for the installation of the solar panels; however, topographical features may exists beyond the project boundary that may eliminate the direct line-of-sight between some of the on-site noise sources and the receptors, likely resulting in lower noise levels at the receptors. Nevertheless, conservatively, the topography was not included in the noise modelling.

7.6 Point of Reception Noise Impact Table

Table 5 summarizes the partial noise levels (i.e., contribution from each of the on-site noise sources to the receptor noise levels) and corresponding source-receptor distance for the closest receptors to the Project Location. The sound level at the POR accounts for attenuation by divergence (distance), applicable barrier/screening effects, ground effects, foliage, and atmospheric absorption. This table gives the sum total of these attenuations for each source. Details of the noise modelling (CADNA/A output file) are provided in **Appendix B** – CADNA/A Model Output. Graphical output generated by CADNA/A, showing the modelled sound level emissions for the site are shown in **Figures 4** and **5.**

Table 5: Point of Reception Noise Impact Table – Partial Levels (dBA)

R16			R23a			R32			VLR13		
Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)
MV05	355	32	MV12	355	32	MV22	362	32	TRS	365	38
MV02	360	32	MV15	436	29	MV19	416	30	DSTAT	353	32
MV08	385	31	MV11	477	28	MV23	488	28	MV30	590	25
MV12	544	26	MV08	521	27	MV26	530	27	MV06	864	20
MV04	613	25	MV10	611	25	MV17	533	27	MV09	892	20
MV01	630	24	MV14	613	25	MV27	539	26	MV13	916	20
MV07	684	23	MV05	732	23	MV28	578	26	MV03	967	19
MV11	687	23	MV07	750	22	MV24	630	24	MV07	1145	17
MV10	787	22	MV13	855	21	MV20	645	24	MV14	1146	17
MV03	830	21	MV09	873	20	MV18	657	24	MV10	1173	17
MV15	843	21	MV04	889	20	MV29	694	23	MV04	1181	17
MV06	947	19	MV02	915	20	MV25	820	21	MV01	1206	16
MV14	964	19	MV06	973	19	MV21	847	21	MV15	1320	15
MV09	1011	19	MV03	1033	18	MV30	1650	12	MV11	1325	15
MV13	1148	17	MV01	1039	18	TRS	1869	21	MV05	1445	14
TRS	1564	23	MV30	1337	15	MV13	2004	10	MV02	1462	14
MV30	1623	12	TRS	1419	24	MV14	2158	9	MV08	1535	13
MV21	2439	7	MV16	246	21	MV09	2186	9	MV12	1538	13
DSTAT	1598	17	MV21	1756	11	MV15	2288	8	MV17	1545	13
MV18	2473	7	MV18	1871	11	MV06	2341	8	MV18	1558	13
MV20	2553	6	MV25	1885	10	MV10	2343	8	LR	350	25
MV25	2590	6	MV20	1907	10	MV11	2435	7	MV19	1715	12

R16			R23a			R32			VLR13		
Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)
MV17	2591	6	MV24	2005	10	MV07	2500	7	MV20	1740	12
MV24	2679	6	MV17	2019	10	MV03	2548	6	MV21	1792	11
MV19	2714	5	MV19	2112	9	MV12	2607	6	MV22	1897	10
MV23	2784	5	MV23	2127	9	MV04	2668	6	MV24	1916	10
MV22	2839	5	MV22	2205	8	MV08	2739	5	MV23	1931	10
MV26	2947	4	DSTAT	1444	18	MV01	2797	5	MV25	1966	10
MV16	733	9	MV26	2263	8	MV05	2810	5	MV26	2140	9
LR	1584	9	MV27	2447	7	DSTAT	1840	16	MV27	2307	8
MV05T	353	-	MV29	2518	7	MV02	2943	4	MV29	2462	7
MV02T	359	-	MV28	2662	6	LR	1859	7	MV28	2472	7
MV08T	389	-	LR	1438	10	MV16	2446	-	MV16	1522	1
MV12T	549	-	MV16T	249	-	MV22T	363	-	MV30T	594	-
MV04T	613	-	MV12T	350	-	MV19T	413	-	MV06T	863	-
MV01T	629	-	MV15T	434	-	MV23T	488	-	MV09T	893	-
MV07T	687	-	MV11T	473	-	MV26T	528	-	MV13T	914	-
MV11T	691	-	MV08T	516	-	MV17T	529	-	MV03T	967	-
MV16T	729	-	MV10T	614	-	MV27T	543	-	MV14T	1144	-
MV10T	784	-	MV14T	615	-	MV28T	573	-	MV07T	1145	-
MV03T	830	-	MV05T	738	-	MV24T	631	-	MV10T	1171	-
MV15T	847	-	MV07T	746	-	MV20T	644	-	MV04T	1181	-
MV06T	946	-	MV13T	856	-	MV18T	653	-	MV01T	1204	-
MV14T	960	-	MV09T	870	-	MV29T	690	-	MV15T	1322	-
MV09T	1014	-	MV04T	884	-	MV25T	820	-	MV11T	1327	-
MV13T	1146	-	MV02T	910	-	MV21T	846	-	MV05T	1446	-

R16			R23a			R32			VLR13		
Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)
MV30T	1625	-	MV06T	977	-	MV30T	1646	-	MV02T	1461	-
MV21T	2444	-	MV03T	1029	-	MV13T	2008	-	MV16T	1520	-
MV18T	2478	-	MV01T	1034	-	MV14T	2162	-	MV08T	1536	-
MV20T	2557	-	MV30T	1337	-	MV09T	2181	-	MV12T	1539	-
MV25T	2585	-	MV21T	1760	-	MV15T	2284	-	MV17T	1550	-
MV17T	2594	-	MV18T	1874	-	MV06T	2345	-	MV18T	1564	-
MV24T	2675	-	MV25T	1882	-	MV10T	2348	-	MV19T	1720	-
MV19T	2717	-	MV20T	1910	-	MV11T	2431	-	MV20T	1745	-
MV23T	2788	-	MV24T	2001	-	MV16T	2449	-	MV21T	1798	-
MV22T	2835	-	MV17T	2022	-	MV07T	2496	-	MV22T	1891	-
MV26T	2942	-	MV19T	2114	-	MV03T	2544	-	MV24T	1910	-
			MV23T	2131	-	MV12T	2604	-	MV23T	1937	-
			MV22T	2202	-	MV04T	2663	-	MV25T	1961	-
			MV26T	2259	-	MV08T	2736	-	MV26T	2134	-
			MV27T	2451	-	MV01T	2792	-	MV27T	2313	-
			MV29T	2514	-	MV05T	2814	-	MV29T	2456	-
			MV28T	2658	-	MV02T	2939	-	MV28T	2466	-

8. ACOUSTIC ASSESSMENT SUMMARY

8.1 Acoustic Assessment Summary Table

Table 6 summarizes the compliance of the proposed Project with the applicable Sound Level Performance Limits at the designated POR. Also presented in Table 6 are the predicted sound levels from the previously approved NSR. The performance limits in the table reflect the applicable sound level limits in the MOECC Publication NPC-300 for Class 3 Areas.

Table 6: Acoustic Assessment Summary Table

Point of Reception		Sound Level at POR (dBA)		Verified by Acoustic Audit (Yes/No)	Performance Limit		Compliance (Yes/No)
ID	Description	Approved REA	This Amendment		Daytime (dBA)	Nighttime (dBA)	
R1	Existing Noise Receptor	22.5	20.7	No	45	40	Yes
R2	Existing Noise Receptor	23.5	20.8	No	45	40	Yes
R3	Existing Noise Receptor	22.9	19.4	No	45	40	Yes
R4	Existing Noise Receptor	25.3	20.6	No	45	40	Yes
R5	Existing Noise Receptor	25.7	21.1	No	45	40	Yes
R6	Existing Noise Receptor	26	21.5	No	45	40	Yes
R7	Existing Noise Receptor	27.1	22.4	No	45	40	Yes
R8	Existing Noise Receptor	29.2	26.3	No	45	40	Yes
R9	Existing Noise Receptor	32.4	30.9	No	45	40	Yes
R10	Existing Noise Receptor	28.1	26.5	No	45	40	Yes
R11	Existing Noise Receptor	25	23.5	No	45	40	Yes
R12	Existing Noise Receptor	27.3	28.2	No	45	40	Yes
R13	**Existing Noise Receptor**	**23.9**	**26.1**	**No**	**45**	**40**	**Yes**
R14	Existing Noise Receptor	28	28	No	45	40	Yes
R15	Existing Noise Receptor	29.8	29.7	No	45	40	Yes
R16	Existing Noise Receptor	39.7	38.2	No	45	40	Yes
R17	Existing Noise Receptor	36.1	35.5	No	45	40	Yes
R18	Existing Noise Receptor	36.2	35.8	No	45	40	Yes
R19	Existing Noise Receptor	32.6	32.3	No	45	40	Yes
R20	Existing Noise Receptor	32.8	32.5	No	45	40	Yes
R21	Existing Noise Receptor	37.2	37.1	No	45	40	Yes

Point of Reception		Sound Level at POR (dBA)		Verified by Acoustic Audit (Yes/No)	Performance Limit		Compliance (Yes/No)
ID	Description	Approved REA	This Amendment		Daytime (dBA)	Nighttime (dBA)	
R22	Existing Noise Receptor	32.9	32.6	No	45	40	Yes
R23	Existing Noise Receptor	38	37.5	No	45	40	Yes
R24	Existing Noise Receptor	30.6	30.5	No	45	40	Yes
R25	Existing Noise Receptor	32.7	32.7	No	45	40	Yes
R26	Existing Noise Receptor	29.1	29.1	No	45	40	Yes
R27	Existing Noise Receptor	36.6	36.5	No	45	40	Yes
R28	Existing Noise Receptor	22.1	20.9	No	45	40	Yes
R29	Existing Noise Receptor	24.5	20.8	No	45	40	Yes
R30	Existing Noise Receptor	35.3	32.9	No	45	40	Yes
R31	Existing Noise Receptor	33.9	32.2	No	45	40	Yes
R32	Existing Noise Receptor	39.7	37.9	No	45	40	Yes
R33	Existing Noise Receptor	30	29.8	No	45	40	Yes
R34	Existing Noise Receptor	29.4	29.3	No	45	40	Yes
R35	Existing Noise Receptor	28.3	28.2	No	45	40	Yes
R36	Existing Noise Receptor	35.9	33.2	No	45	40	Yes
R37	Existing Noise Receptor	29.9	28.9	No	45	40	Yes
R38	Existing Noise Receptor	27.2	27.1	No	45	40	Yes
R39	Existing Noise Receptor	36.8	37.1	No	45	40	Yes
R40	Existing Noise Receptor	27.1	27.2	No	45	40	Yes
R41	Existing Noise Receptor	32.1	31.5	No	45	40	Yes
R42	Existing Noise Receptor	36.8	36.2	No	45	40	Yes
R43	Existing Noise Receptor	33.1	32.8	No	45	40	Yes
R44	Existing Noise Receptor	36.5	34.9	No	45	40	Yes
R45	Existing Noise Receptor	38.5	33.8	No	45	40	Yes
R46	Existing Noise Receptor	36.5	32.5	No	45	40	Yes
R47	Existing Noise Receptor	29.3	29.1	No	45	40	Yes
R48	Existing Noise Receptor	31.4	31.1	No	45	40	Yes
R49	Existing Noise Receptor	26.8	27.8	No	45	40	Yes
R50	Existing Noise Receptor	37.2	36.2	No	45	40	Yes
VLR1	Vacant Lot Noise Receptor	26.6	26.9	No	45	40	Yes

Point of Reception		Sound Level at POR (dBA)		Verified by Acoustic Audit (Yes/No)	Performance Limit		Compliance (Yes/No)
ID	Description	Approved REA	This Amendment		Daytime (dBA)	Nighttime (dBA)	
VLR2	Vacant Lot Noise Receptor	37	36	No	45	40	Yes
VLR3	Vacant Lot Noise Receptor	30.3	30.1	No	45	40	Yes
VLR4	Vacant Lot Noise Receptor	34.7	34.3	No	45	40	Yes
VLR5	Vacant Lot Noise Receptor	38.4	39.6	No	45	40	Yes
VLR6	Vacant Lot Noise Receptor	33.9	33.6	No	45	40	Yes
VLR7	Vacant Lot Noise Receptor	37	36.8	No	45	40	Yes
VLR8	Vacant Lot Noise Receptor	35.9	34.5	No	45	40	Yes
VLR9	Vacant Lot Noise Receptor	27.6	23	No	45	40	Yes
VLR10	Vacant Lot Noise Receptor	37	36.9	No	45	40	Yes
VLR11	Vacant Lot Noise Receptor	26.6	22.8	No	45	40	Yes
VLR12	Vacant Lot Noise Receptor	32.5	32.3	No	45	40	Yes
VLR13	Vacant Lot Noise Receptor	40	39.8	No	45	40	Yes
VLR14	Vacant Lot Noise Receptor	27.3	28.1	No	45	40	Yes

8.2 Rationale for Selecting Applicable Noise Guideline Limits

8.2.1 Acoustic Environment

As noted previously, the background ambient noise, exclusive of that generated by the Project, can be characterized as having qualities of a Class 3 Area, as described in the Ontario Ministry of the Environment and Climate Change Noise Pollution Control Publication NPC-300. For a project located in a Class 3 Area, the project is considered compliant with NPC-300 if the predicted cumulative noise levels at the nearby receptors are at or below either the exclusion limits (see **Table 7**) or the background ambient levels as measured or calculated.

Table 7: NPC-300 – Class 3 Area Exclusionary Limits

Time of Day	One Hour Leq (dBA) Class 3 Area
07:00 – 19:00	45
19:00 – 23:00	40
23:00 – 07:00	40

The applicable night-time limit is the most restrictive level for operation of the stationary source. The background ambient sound levels at the POR were not measured or modeled. Therefore, the NPC-300's Class 3 Areas' exclusionary limits have been adopted as the performance limit at each of the PORs.

8.2.2 Predictable Worst Case Operating Scenario

All the dominant noise sources at the proposed facility (i.e., MV Stations, Substation Transformer, DSTATCOM unit, and Shunt Reactor) were assumed to operate on a continuous basis during daytime, evening and night-time hours and at their maximum capacity/load. These sources were modeled as such.

9. CONCLUSION

This *Noise Study Report* was prepared as a supporting document for an REA amendment application for the proposed Southgate Solar Project with a nameplate capacity of 50 MWac. The assessment conforms to the guidelines for an Acoustic Assessment Report as defined in the MOECC's publication NPC-233 *Information to be Submitted for the Approval of Stationary Sources of Sound*. All procedures used in this assessment were conducted in accordance with requirements of NPC-233 and additional general direction provided by the MOECC for preparation of acoustic assessment reports for solar facilities subject to REA. The analysis completed in this assessment confirms that with the implementation of the noise mitigation measure (i.e., acoustic louvers on the south façade of MV16 enclosure) the proposed Project complies with the daytime and night-time noise criteria as defined in the MOECC Noise Pollution Control Publication *NPC-300 Environmental Noise Guideline's* Class 3 Areas (Rural), for all sources assessed in this study.

10. REFERENCES

Industrial Noise Control Fundamentals and Applications, Bell, Lewis H., Marcel Dekker, Inc. 1982.

Ministry of Environment Publication NPC-233 Information to be Submitted for Approval of Stationary Sources of Sound, October 1995.

Ministry of Environment Publication NPC-300 Environmental Noise Guidelines – Stationary and Transportation Sources – Approval and Planning, August 2013.

Transformers, Regulators and Reactors, NEMA Standards Publication No. TR 1-1993 (R 2000), National Electrical Manufacturers Association.

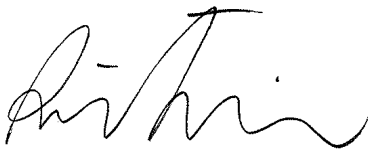
DISCLOSURE

This Noise Study Report has been prepared based on the information provided and/or approved by Southgate Solar LP (SSLP). This report was prepared by Dillon for the sole benefit of SSLP to satisfy reporting requirements for the Ontario Ministry of the Environment and Climate Change. The material in the report reflects Dillon's judgment in light of the information available to Dillon at the time of this report preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Dillon accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

We trust that the report is to your satisfaction. Please do not hesitate to contact the undersigned if you have any further questions on this report.

Respectfully Submitted:

DILLON CONSULTING LIMITED



Amir A. Iravani, Ph.D., P.Eng.

APPENDIX A

Manufacturer's Equipment Specifications

Acoustic Environmental Test

SC 800CP-US central inverter

(Extract of Test report SC800CP-US-91:LE1613)

1 Overview

Project title:	SC800CP-US
Type of test / thresholds and requirements:	Sound level measurement according to DIN EN ISO 3744:2011-02 and DIN EN ISO 9614-2:2010-11 of sinusoidal, irregularly shaped, transient signals. Classification of ambient conditions in compliance with the German Noise Control Guidelines (TA Lärm). (according to Section 2)
Type of device:	e.g. solar central inverter for large-scale PV power plants
Type designation:	SC800CP-US
Test specification:	Level of emissions according to the German Noise Control Guidelines and acoustic power

2 Results

The EN 3744:04/2005 and German Noise Control Guidelines form the testing specification for the thresholds and requirements	Requirement		Results [dBA]/ without fan (distance 1m)	Results [dBA]/ with fan (distance 1m)
	Standard (Germany)	SMA		
EN 3744:2011-02 typical value; LAeq averaged [1]	-	-	-	78,74
§48 of the German Federal Emission Control ACT (BImSchG): 09-2002 German Noise Control Guidelines; L_{pa} [2]	-	-	-	77,81
EN 9614-2 sound power L_{WA} [3]	-	-	-	92,30
Sound pressure level in 10m L_{xpA} [4]	-	-	-	64,31
Sound pressure level in 50m L_{xpA} [4]	-	-	-	50,32
Overall result (if applicable)			*Standard requirments: - passed	

* Dependent on the local conditions at the mounting location (distance of 10m standard)

3 Operating States

The following states and configurations have been defined as operating conditions:

- Operation of the inverter.
- Operating conditions: UDC =820 V; 800 kW
- The device fans must be running.
- The unit under test must have reached its operating temperature.
- The unit under test must have reached an operating temperature of 25°C.

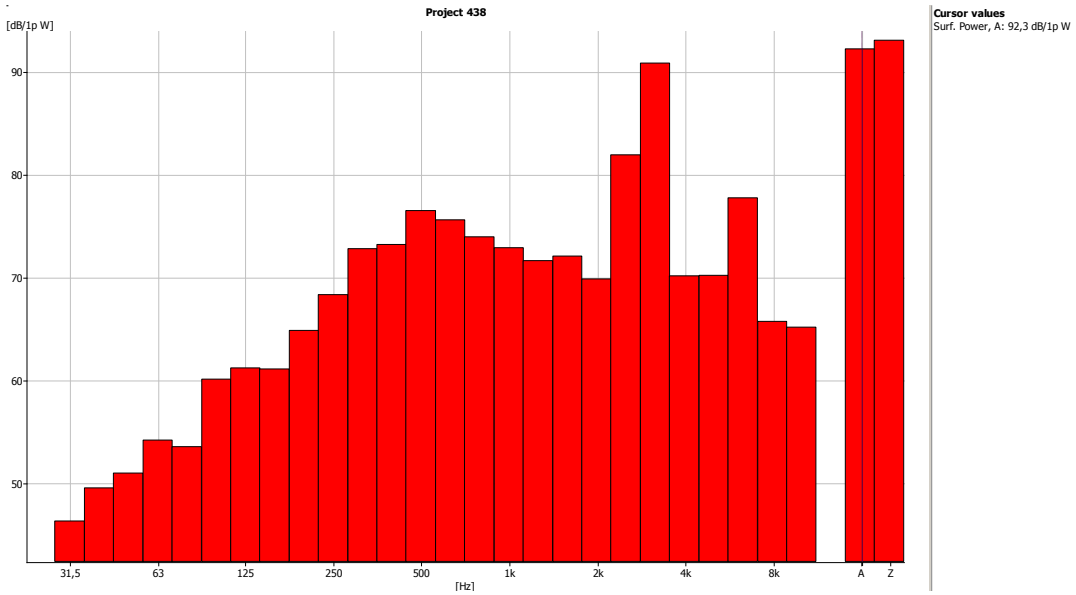
4 Calculating the Acoustic Power

L_{pA} =	average sound pressure level on the measurement surface [dB_A] *	77.81
S =	overall measurement surface [m^2]	28.09
S_0 =	1 [m^2]	

* This specified spatially/temporally averaged sound pressure level was determined using the calcu-lated acoustic power level.
$L_{PA} = L_{WA} - 10\log (S/S_0)$

Acoustic power of L_{WA}= 92,3 dBA/W results for the measurement.

Acoustic Power Levels of the Third Octave Band Frequencies According to EN ISO 9614-2



A-rated sound power = 92.3 $dB_{A/W}$

Z-rated sound power = 93.1 $dB_{A/W}$

A-rated acoustic power – based on physiologic human hearing

Z-rated acoustic power – technically linear measured value

5 Overview of the Acoustic Power

Third octave band center frequency [Hz]	Acoustic power- level LwA [dBA/pW] 880 kW	Acoustic power- level LwZ [dBA/pW] 880 kW
25 Hz	42,33	–
31.5 Hz	46,34	–
40 Hz	49,56	–
50 Hz	51	–
63 Hz	54,21	–
80 Hz	53,57	–
100 Hz	60,14	–
125 Hz	61,23	–
160 Hz	61,13	–
200 Hz	64,88	–
250 Hz	68,36	–
315 Hz	72,83	–
400 Hz	73,24	–
500 Hz	76,54	–
630 Hz	75,64	–
800 Hz	73,99	–
1 kHz	72,93	–
1.25 kHz	71,67	–
1.6 kHz	72,11	–
2 kHz	69,89	–
2.5 kHz	81,96	–
3.15 kHz	90,89	–
4 kHz	70,19	–
5 kHz	70,24	–
6.3 kHz	77,78	–
8 kHz	65,76	–
10 kHz	65,2	–
Acoustic power above the surface	A-rated	Z-rated
	92,3	93.1

6 Deriving the Emission Sound Pressure Level at a Distance

The calculated acoustic power can be used to derive an A-rated sound pressure level L_{xpA} for undirected sources at any distance x.

$$LxpA = LwA + Ko - 10 \cdot \log\left(4 \cdot \pi \cdot \frac{X^2}{So}\right)$$

K_0 = solid angle index on the floor 3 [dB]
X = distance from the source [m]
S_0 = 1 m

Device	Distance X [m]	Sound pressure level LxpA [dBA] without fan	Sound pressure level LxpA [dBA] with fan
SC800CP-US	10	–	64,30
	50	–	50.33

7 Appendix - Calculations

deriving sound pressure level at a distance

LxpA = LWA + K0 - 10log (4*PI*(x^2/S0))

LWA 92,3dB
K0 3dB
x 10m
S0 1m

LxpA 64,31dBA

SMA America, LLC
3801 N. Havana Street
Denver, CO 80239
+1 720 369 7712
ken.christensen@SMA-America.com

June 17, 2013

To whom it may concern:

The purpose of this letter is to confirm that the SMA SC 800CP-CA inverter is in every way technically equivalent to the SC 800CP-US inverter. The only difference between these two inverters is that the CP-CA is manufactured at Celestica to meet the local content requirements of projects in Ontario.

The installation manual and operators manual call out both the "CP-CA" and "CP-US" inverter names. A datasheet with the "CP-CA" name is currently being drafted and SMA will send that datasheet to you as soon as possible.

SMA values our established partnership and we look forward to supporting your PV solar projects in Ontario and the rest of the world. Should you have any questions or need additional information, please do not hesitate to contact me or anyone on the SMA team.

Sincerely,

Ken Christensen
Global Product Manager, North America

May 24, 2016

SMA America, LLC
6020 West Oaks Blvd, Ste 300
Rocklin, CA 95765-3714
Tel.: +1 916 625 0870
Fax: +1 916 625 0871

To whom it may concern

RE: SC800CP-US Acoustics Testing

Dear Sir/Madam,

This letter is to confirm that the SMA Acoustic Environmental Test, an extract of test report SC800CP-US-91:LE1613, was performed at 880 kW output power which represents a worst case scenario for acoustical noise with this inverter.

Sincerely,

Ravi Dodballapur
Director, Applications Engineering
SMA America LLC, Rocklin, CA

ITEMS:
1. BASE WITH PROVISION ON BASE FOR SKIDDING
2. TRANSFORMER LIFTING LUGS
3. STAINLESS STEEL GROUND PADS (4) ON EACH CORNER OF TANK
4. STAINLESS STEEL DIAGRAMMATIC NAMEPLATE
5. 24" DIA, MANHOLE (5) WITH COVER (BOLTED AND GASKETED)
6. WELDED TOP COVER WITH LIFTING EYES (4) FOR COVER ONLY
7. COOLING RADIATORS (8), HOT DIPPED GALVANIZED, UNPAINTED, DEMOUNTABLE WITH ISOLATION VALVES, LIFTING EYES, AND 1/2" DRAIN VALVES & VENT PLUGS
8. HV DRAWLEAD BUSHING, 230kV, 1050kV BIL, 800A (3), PCORE MAKE WITH 4 HOLE NEMA PAD
9. LV BOTTOM CONNECTED BUSHING, 46kV, 250kV BIL, 1200A (3), PCORE MAKE WITH 4 HOLE NEMA PAD
10. 2" COMBINATION LOWER DRAIN AND FILTER VALVE WITH BAFFLE TO DRAIN TO WITHIN 1/2" FROM BOTTOM OF TANK WITH SAMPLER AND PLUG
11. 2" UPPER FILTER VALVE AND PLUG LOCATED ON BACK WALL (SEGMENT-3)
12. VTC PRESSURIZATION TEST POINT WITH 1/2" BALL VALVE AND PLUG
13. LIQUID LEVEL GAUGE WITH CONTACTS, GAUGE CENTER IS AT 25deg C OIL LEVEL
14. LIQUID TEMPERATURE GAUGE WITH CONTACTS
15. PRESSURE VACUUM GAUGE WITH CONTACTS AND BLEEDER
16. PRESSURE RELIEF DEVICE WITH CONTACTS AND FLAG, WITH DIRECTIONAL SHROUD & PIPING
17. TERTIARY BOTTOM CONNECTED BUSHING, 15kV, 110kV BIL, 1767A, WARCO MAKE WITH 4 HOLE NEMA PAD
18. CONTROL BOX, NEMA 4, 48" x 60" x 18", WITH BOLTED BOTTOM PLATE
19. JACK PADS (4) WITH PULLING EYES
20. BOX FOR HV CT FEED-THRU'S
21. BOX FOR LV CT FEED-THRU'S AND CORE GROUND BUSHING
22. WINDING TEMPERATURE GAUGE, SIMULATION SYSTEM, WITH CONTACTS
23. HV NEUTRAL DRAW LEAD BUSHING, 69kV, 350kV BIL, 400A, ABB MAKE WITH 4 HOLE NEMA PAD
24. THERMOWELLS FOR TEMPERATURE GAUGES
25. SUDDEN PRESSURE RELAY WITH SEAL IN RELAY
26. HV STATION CLASS ARRESTER, POLYMER, 192kV, 152kV MCOV △1
27. LV STATION CLASS ARRESTER, POLYMER, 30kV, 24.4kV MCOV
28. ABB UZERN LOAD TAP CHANGER SWITCH COMPARTMENT, WITH HINGED INSPECTION DOOR
29. LTC DE-HYDRATING BREATHER, SHIPS SEPARATELY
30. LTC 1.00" DRAIN VALVE WITH SAMPLER AND PLUG
31. LTC LIQUID LEVEL GAUGE
32. LTC POSITION INDICATOR WITH DRAG HAND
33. LTC PRESSURE RELIEF DEVICE WITH DIRECTIONAL SHROUD & PIPING
34. LTC BETA RELAY (SUDDEN PRESSURE RELAY)
35. LTC AIR COMPARTMENT WITH HINGED ACCESS DOOR
36. COOLING FANS (12) MOUNTED ON BRACKETS
37. FALL PROTECTION MOUNTING PLATES (2)
38. GAS MONITOR, GE HYDRAN M2
39. 4/0 COPPER BARE GROUNDING CABLE FOR TERTIARY BUSHING GROUNDING
40. 1/4 X 2.00 COPPER BUS FOR LV ARRESTER GROUND
41. 4/0 COPPER BARE GROUNDING CABLE FOR X0, H0 AND HV/LV ARRESTER GROUNDING ROUTED ON STAND OFF INSULATORS
42. STAND OFF INSULATORS WITH CLAMP LUG FOR GROUNDING CABLES
43. LV NEUTRAL BOTTOM CONNECTED BUSHING, 15kV, 110kV BIL, 1200A, PCORE MAKE WITH 4 HOLE NEMA PAD

NOTES:
1. CSA-C50 CLASS B TYPE II MINERAL OIL FILLED TRANSFORMER, APPROXIMATELY 9745 GALLONS
2. OUTDOOR SERVICE
3. PAINT: ANSI-70 URETHANE OVER ZINC RICH EPOXY (VTC PAINT SYSTEM IV), TANK INSIDE AND CORE CLAMPS PAINTED WHITE, TOP COVER WITH ANTI-SKID COATING. BASE UNDERCOATED WITH COAL-TAR EPOXY
4. TOUCH UP PAINT KIT PROVIDED
5. UNIT DESIGNED FOR SEALED TANK OIL PRESERVATION
6. SEE 20 SERIES SHEETS FOR SCHEMATIC
7. ACCESSORY WIRING IN RIGID GALVANIZED STEEL CONDUIT; FINAL SHORT RUNS MAY BE FLEXIBLE LIQUID TIGHT CONDUIT; FAN POWER VIA WEATHERPROOF CORDS AND PLUGS
8. CG1 IS FULLY ASSEMBLED, CG2 IS AS SHIPPED
9. UNIT DESIGNED FOR FULL VACUUM FILLING
10. UNIT SHIPS WITH FOLLOWING ITEMS DEMOUNTED;

ITEM:	SHIPPING WEIGHT:
HV, LV AND NEUTRAL BUSHINGS/ PADS	3000 LBS
HV AND LV ARRESTERS/ HV ARRESTER BRACKETS	1500 LBS
RADIATORS AND FANS WITH BRACKET	19,400 LBS
OIL IN TANKER (9395 GALLONS)	70,463 LBS
MAIN UNIT	153,737 LBS △1

115 GALLONS OF OIL SHIPS INSIDE MAIN TANK AT THE BOTTOM OF TANK/ABSORBED BY INSULATION

235 GALLONS OF OIL SHIPS INSIDE LTC
UNIT SHIPS WITHOUT OIL, FILLED WITH DRY AIR

11. UNIT DESIGNED FOR OPERATION AT MINIMUM AMBIENT - 40deg C AND 3,300 FT ELEVATION
12. GASKET COMPRESSION CONTROL VIA MACHINED GROOVE FLANGES OR METAL TO METAL STOPS EXCEPT FOR ITEMS MOUNTED IN BOXES
13. CONTRACTED DOCUMENTS SHIP INSIDE CONTROL BOX
14. UNIT SHIPS WITH IMPACT RECORDER
15. TANK SEAMS ARE WELDED FROM INSIDE AND OUTSIDE
16. UNIT DESIGNED SEISMIC ZONE 1&2
17. UNIT DESIGNED TO MEET STD NEMA TR1 SOUND LEVEL
18. UNIT SHIPS WITH IMPACT RECORDER
19. UNTANKING HEIGHT EXCLUDING SLINGS IS 280.00"
20. UNIT DESIGNED PER CSA STANDARD
21. ALL EXTERNAL HARDWARE IS STAINLESS STEEL WITH SILICONE BRONZE NUTS
22. 5 YEARS WARRANTY

Project Name: HA632A Southgate Solar Project
Client Name:
Southgate Solar LP
181 University Ave., Suite 300
Toronto, Ontario M5H 3M7
Canada

Liquid Filled Transformer Data:
MOD/SN: HA632A/49033MA002U MVA: 33/44/55 AT 65°C RISE

3 PHASE, 60 Hz, 65∼ C RISE CLASS: ONAN/ONAF/ONAF
IMP: 7.00% NOM +/-10% WT: 248,100 LBS
WINDINGS: COPPER

HV LOAD TAPS: ±16 X 0.625%
HV: 240,000 Grd Y/138,564 V, 1050kV BIL, 132A NOM @ 55MVA
LV: 34,500 Grd Y/19,919 V, 200kV BIL, 920A @ 55MVA
TERTIARY: 11.55/15.4/19.25 MVA, 12,470 V DELTA, 110kV BIL
LVN & HVN WINDING BIL: 110 kV

Warranty Field Work:
If, at the job site, the equipment is found to have not conformed to specifications or needs re-work covered under warranty, all parties concerned shall provide full access to Virginia Transformer Corp. or their representatives to work on the unit(s) at the job site. The method of repair/re-work will be determined solely by Virginia Transformer Corp.

TOLERANCES
IF NO TOLERANCES SHOWN ±0.5(12.7) OTHERWISE:
△ ±0.25(6.3)
○ ±1.0(25.4)

ALL DIMENSIONS IN INCHES & IN mm IF SHOWN IN PARENTHESIS

THIS DOCUMENT IS INTENDED FOR COORDINATION PURPOSES ONLY OTHER USES ARE PROHIBITED EXCEPT BY WRITTEN PERMISSION OF VTC.

HA632A-101.1.idw

1	HV ARRESTER RATING REVISED	SB 03/29/2016

VIRGINIA TRANSFORMER CORP.
220 GLADE VIEW DR., N.E. ROANOKE, VA 24012
(540) 345-9892

TITLE: DIMENSIONAL OUTLINE-BOM JOB # HA632A
DWN: SB CHK: DWM DATE: 03/01/2016
D DESIGN# 49033MA002U SHEET 101.1 REVISION 1

Liquid Filled Transformer Data:
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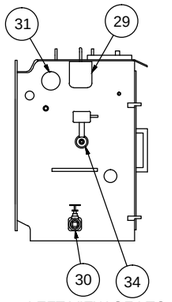
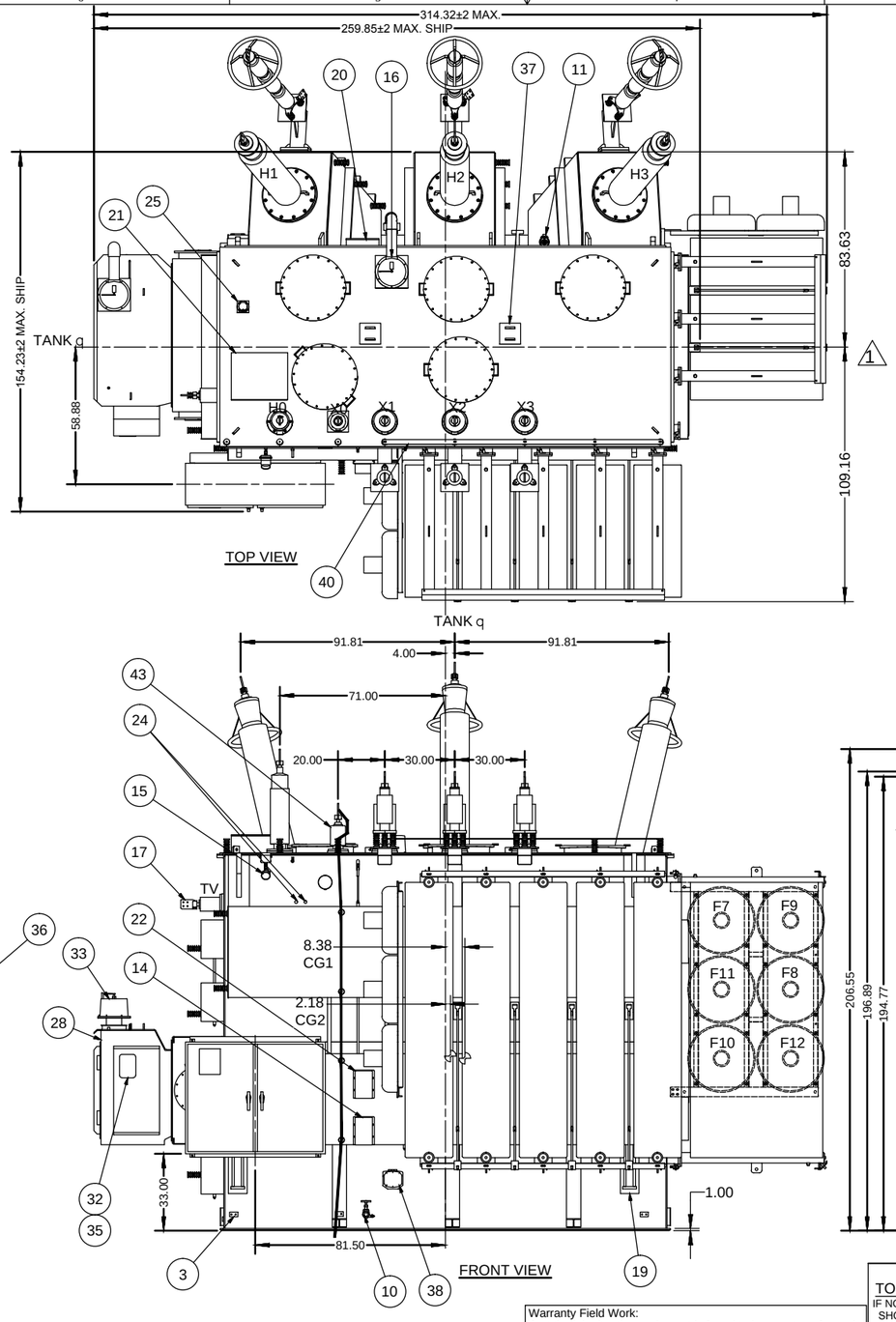
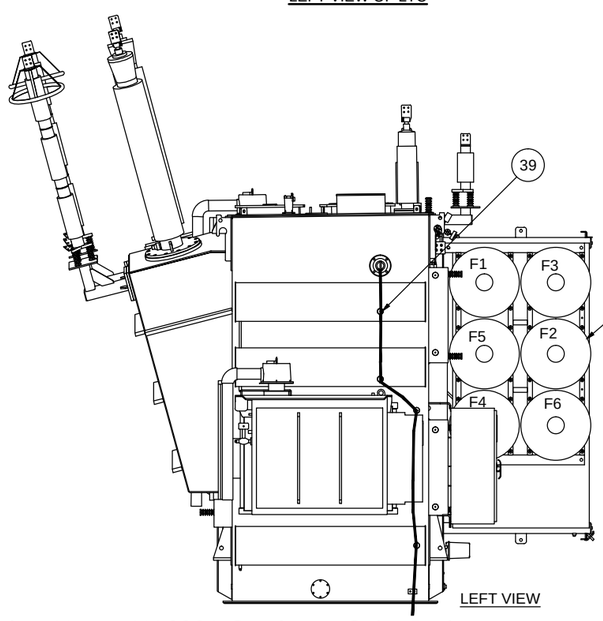
LVN & HVN WINDING BIL: 110 kV

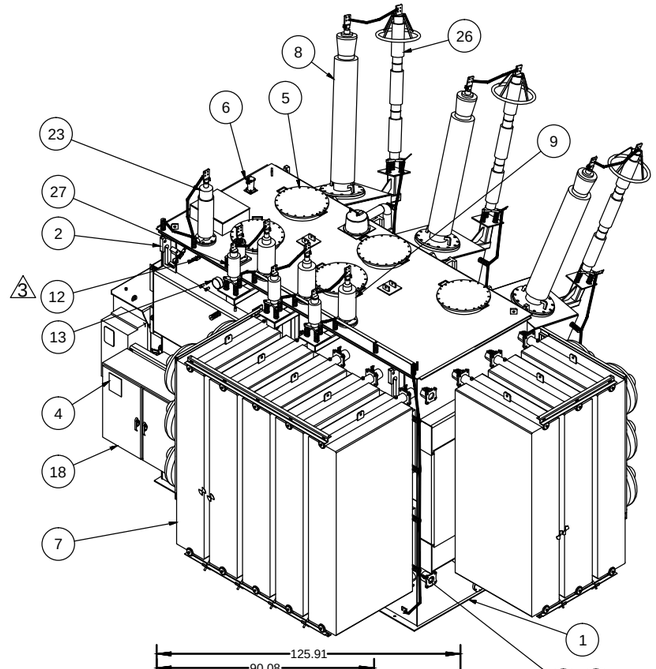
NOTE: ALL GROUND CABLES TO BE CONNECTED TO CUSTOMER GRID

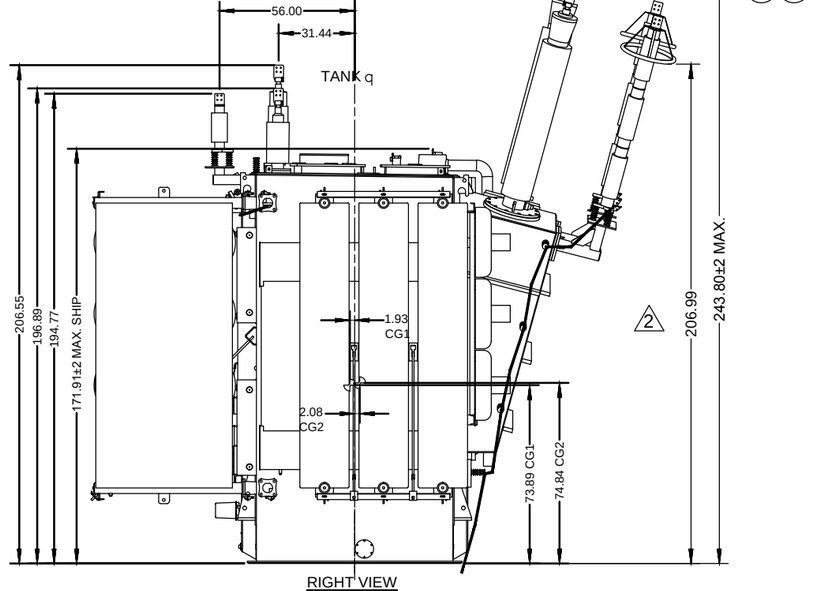


LEFT VIEW OF LTC









Project Name: HA632A Southgate Solar Project
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HA632A-101.idw

1 ADDITIONAL DIMENSIONS MARKED SB 03/04/2016	2 HV ARRESTER RATING REVISED SB 03/29/2016	3 IT#12 RELOCATED SB 04/05/2016

VIRGINIA TRANSFORMER CORP.
220 GLADE VIEW DR., N.E. ROANOKE, VA 24012
(540) 345-9892

TITLE: DIMENSIONAL OUTLINE JOB # HA632A
DWN: SB CHK:DWM DATE: 03/01/2016
D DESIGN# 49033MA002U SHEET 101 REVISION 3

15.0

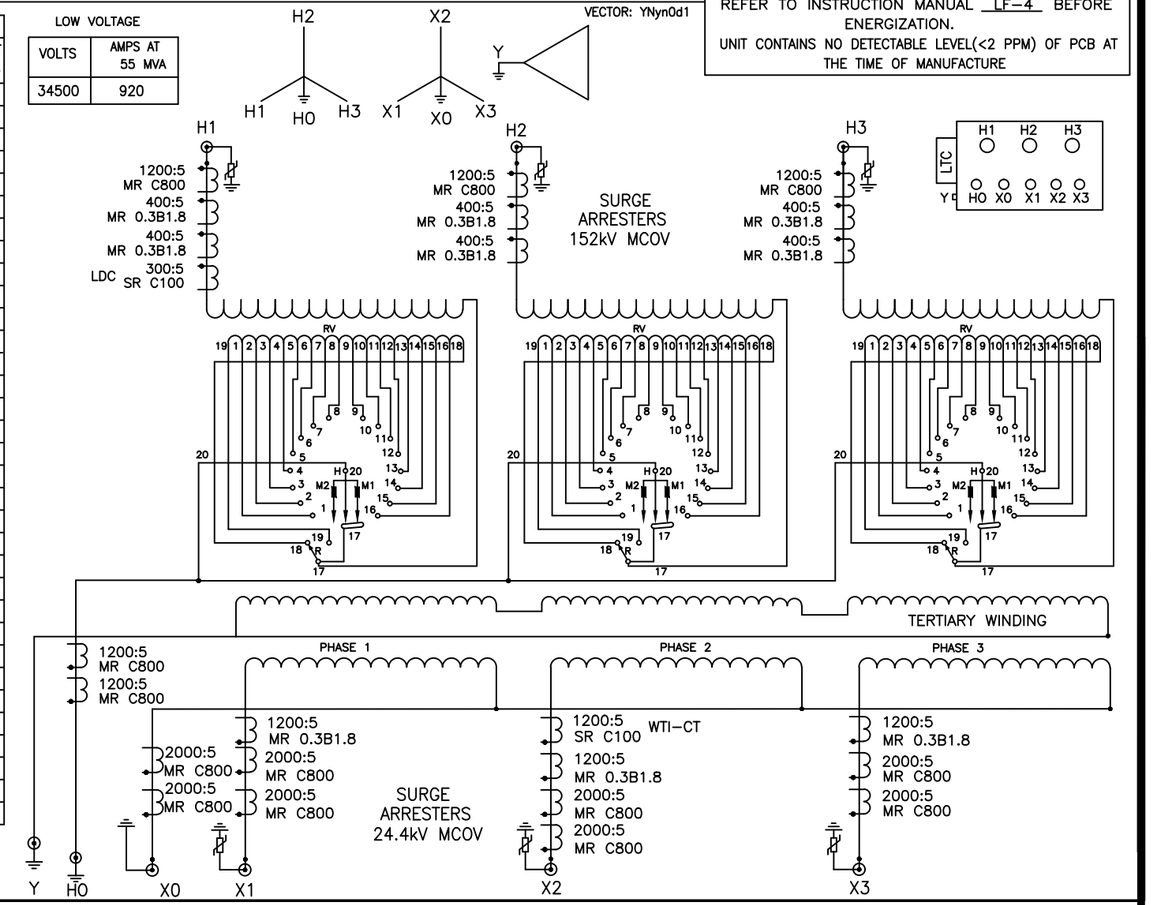
AUTOMATIC LOAD–TAP–CHANGING LIQUID FILLED TRANSFORMER

SL# 49033MA002U–HA632A	3 PHASE	WINDING MATERIAL: COPPER	60 Hz
MVA: 33/44/55	65°C RISE	@30°C AMBIENT (40°C MAX AMBIENT)	CLASS: ONAN/ONAF/ONAF
MVA: 40.4/51.4/62.4	65°C RISE	@0°C AMBIENT	BUILT TO CAN/CSA C88 M90
HV: 240000 GrdY/138564	1050 kV BIL*	MONTH & YEAR OF MANUFACTURE:	
LV: 34500 GrdY/19919	200 kV BIL*	IMPEDANCE:	% AT 33 MVA & 240–34.5 kV
TV RATING: 11.55/15.4/19.25 MVA, 12.47 kV	BURIED (UNLOADED)		

* LVN & HVN WINDING BIL: 110 kV

HIGH VOLTAGE, LTC: ABB UZERN–380 BIL				
LOAD TAP CHANGER			VOLTS	AMPS AT MAX kVA
H ON	R ON	POS.		
16–20	17–19	33	264000	120
15–20		32	262500	121
14–20		31	261000	122
13–20		30	259500	122
12–20		29	258000	123
11–20		28	256500	124
10–20		27	255000	125
9–20		26	253500	125
8–20		25	252000	126
7–20		24	250500	127
6–20		23	249000	128
5–20		22	247500	128
4–20		21	246000	129
3–20		20	244500	130
2–20		19	243000	131
1–20		18	241500	131
17–20		17(NOR)	240000	132
16–20		16	238500	133
15–20		15	237000	134
14–20		14	235500	135
13–20		13	234000	136
12–20		12	232500	137
11–20		11	231000	137
10–20		10	229500	138
9–20	17–18	9	228000	139
8–20		8	226500	140
7–20		7	225000	141
6–20		6	223500	142
5–20		5	222000	143
4–20		4	220500	144
3–20		3	219000	145
2–20		2	217500	146
1–20		1	216000	147

LOW VOLTAGE	
VOLTS	AMPS AT 55 MVA
34500	920



APPROXIMATE WEIGHTS Lbs (Kgs)	
CORE & COILS	89940 (40796)
TANK & FITTINGS	70720 (32078)
TYPE II MINERAL OIL (C50B)	
MAIN TANK 9510 GALS	71330 (32355)
LTC TANK 235 GALS	1760 (798)
APPROX TOTAL WT	248100 (112536)
UNTANKING MASS	104290 (47305)

MAX. OPERATING PRESS 9 PSI POS., 7 PSI NEG.
TANK DESIGNED FOR 15 PSI VACUUM
LIQ. LEVEL CHGS. 0.99 IN. PER 10°C CHG. IN LIQ. TEMP.

REFER TO INSTRUCTION MANUAL LF–4 BEFORE ENERGIZATION.
UNIT CONTAINS NO DETECTABLE LEVEL(<2 PPM) OF PCB AT THE TIME OF MANUFACTURE

13.00

MATERIAL: 0.023 STAINLESS STEEL
NON–CORROSIVE OUTDOOR BLACK
LETTER ENGRAVED PROTECTIVE
CLEAR PLASTIC FILM
0.1875 DIA. HOLES (4)

NOTES:
IMPEDANCE & DATE/MONTH OF MFR WILL BE ENTERED ON NAMEPLATE AFTER TESTING

0.19

0.19

VIRGINIA TRANSFORMER CORP.
POCATELLO, ID.

ALL DIMENSIONS IN INCHES & IN mm IF SHOWN IN PARENTHESIS

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HA632A–13.DWG

1 WEIGHT & VOLUME ADDED, HV ARRESTER CHANGED
SB 03/29/2016

VIRGINIA TRANSFORMER CORP.
220 GLADE VIEW DR., N.E., ROANOKE, VA 24012
(540) 345–9892

TITLE: NAMEPLATE | JOB # HA632A
DWN: KP | CHK: KS | DATE: 02/26/16 | DWG SCALE: 1:1 | PLOT SCALE: 1:1
C | 49033MA002U | SHEET 13 | REV 1

Substation Transformer 110 MVA - Sound Power reverse calculation - including Tonal Penalty

Height	3.9	m
Length	9.9	m
Width	6.4	m
Vertical Surface Area (includes increase by 2m on the fan side and by 0.3m in other directions)	164.01	m^2
Horizantal Surface Area (includes increase by 2m on the fan side and by 0.3m in other directions)	109	m^2
Total Surface area	273.4	m^2

Lw = Lp + 10 x log (S)

Fan on	Lp	71.4
	Lw	95.8

Fan on

Centre Frequency	Corr1	Corr2	PWL (Linear)	A-weighted correction	PWL (A-weighted)	PWL + 5 dB tonal penalty
31.5	-1	-2.4	92.37	-39.4	52.97	57.97
63	5	-2.4	98.37	-26.2	72.17	77.17
125	7	-2.4	100.37	-16.1	84.27	89.27
250	2	-2.4	95.37	-8.6	86.77	91.77
500	2	-2.4	95.37	-3.2	92.17	97.17
1000	-4	-2.4	89.37	0	89.37	94.37
2000	-9	-2.4	84.37	1.2	85.57	90.57
4000	-14	-2.4	79.37	1	80.37	85.37
8000	-21	-2.4	72.37	-1.1	71.27	76.27
Overall:			**104.4**		**95.7**	**100.7**

Lp: Sound pressure level
Lw: Sound Power Level
Note: The calculations are based on a conservative noise rating for the transformer. The final selection of transformer may have lower noise levels as it will be significantly smaller in size (i.e., 55 MVA).

NEPSI
Northeast Power Systems, Inc.
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Date: February 17, 2016

Pages: 1

Reference: **Iron-Core Reactor Noise Level**
Order: EPTCON PO Number: 001526-001080
Project Name: Windsor Solar Farm - SU

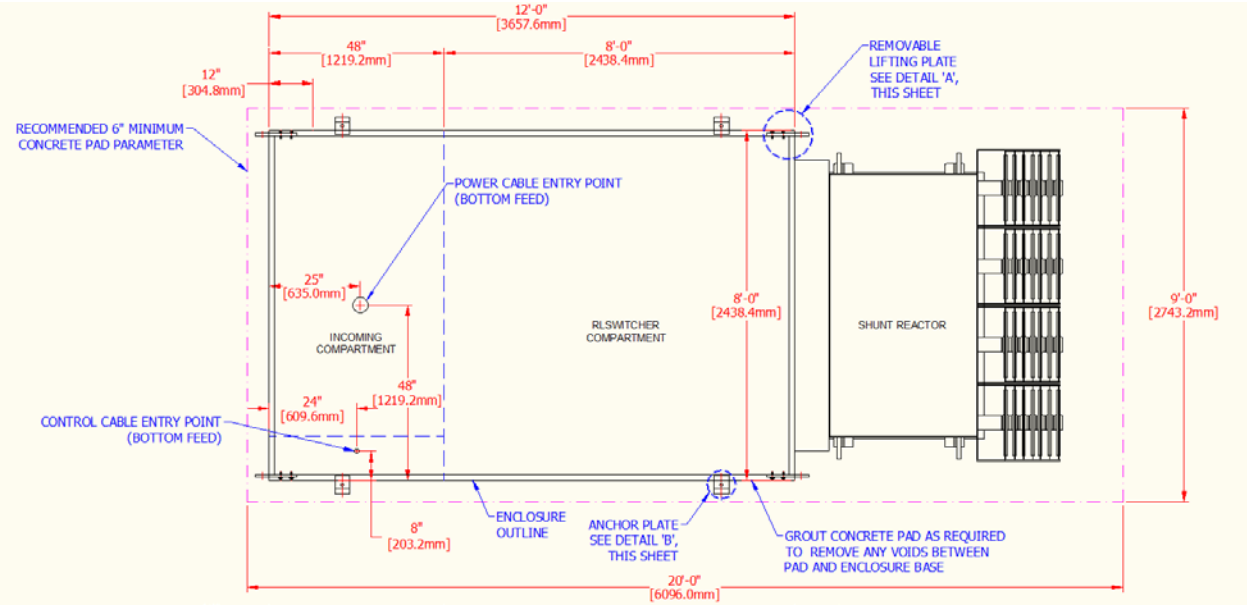
Purpose
The purpose of this document is to present the expected sound level for the 7.5 MVAR shunt reactor for the above referenced project.

Applicable Standard*: C57.21 – 2008, IEEE Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA

Reactor Data:
Nominal Voltage Rating: **34.5kV** Rated Current: **125.5 Amps**
Maximum Voltage Rating: **38kV**
Electrical Withstand: Impulse: **150kV** 60Hz 1 Min: **80kV**
KVA Rating: **7,500**

Considerations:
Estimated sound pressure based on C57.21 – 2008 standard, Average | A-Weighted Measurement Characteristic, Reactor operation at nominal voltage, 60 Hertz current (no voltage distortion), microphone placement at 1 meter intervals around the periphery, and 0.3 meters from reference-sound-producing surface (per section 10.6.4.1 and 10.6.4.2 of C57.21 - 2008).

7.5 MVAR Switched Shunt Reactor Bank	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Sound Power Level (dB(A))		82						



Note: Reactors cannot be tested at factory for sound due to kVA rating.

Shunt Reactor 7.5 MVAR - Sound Power Calc

Lw	Manufacturer Specification	82 dB

Centre Frequency	Corr1	Corr2	PWL (Linear)	A-weighted correction	PWL (A-weighted)	PWL + 5 dB tonal penalty
31.5	-1	-2.4	78.60	-39.4	39.20	44.2
63	5	-2.4	84.60	-26.2	58.40	63.4
125	7	-2.4	86.60	-16.1	70.50	75.5
250	2	-2.4	81.60	-8.6	73.00	78.0
500	2	-2.4	81.60	-3.2	78.40	83.4
1000	-4	-2.4	75.60	0	75.60	80.6
2000	-9	-2.4	70.60	1.2	71.80	76.8
4000	-14	-2.4	65.60	1	66.60	71.6
8000	-21	-2.4	58.60	-1.1	57.50	62.5
Overall:			**90.6**		**82.0**	**87.0**

QTY:		TAG: Intake				
Submitted for: Approval	Dwg #: 145369-2	Rev.#: 0	Drawn by: AMR	Rev. Date: 8 Jan 2015	Rev. by:	
Project: Kingston Solar			Customer: Canadian Solar Solutions Inc.		Customer P.O. No.: LOI	
V-A Project No.	V-A Project Manager		Consultant			

Performance for Model RED-HV-F9

Airflow		Velocity		Pressure Drop		Pressure Drop w/ System Effects*		Dynamic Insertion Loss (dB)							
CFM	(L/s)	FPM	(m/s)	in.w.g.	(Pa)	in.w.g.	(Pa)	63 Hz	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 KHz	8 KHz
-1100	-520	-187	-1	N/A	N/A	N/A	N/A	2	4	7	15	18	18	16	10

Silencer performance data has been obtained from tests conducted in a laboratory facility NVLAP accredited for the ASTM E477-06a test standard.

* Duct configuration must be known for at least 5 duct diameters upstream and downstream of the silencer to determine pressure drop with system effects

QTY:		TAG: Discharge			
Submitted for: Approval	Dwg #: 145369-1	Rev.#: 0	Drawn by: AMR	Rev. Date: 8 Jan 2015	Rev. by:

Project	Customer	Customer P.O. No.
Kingston Solar	Canadian Solar Solutions Inc.	LOI

V-A Project No.	V-A Project Manager	Consultant

Performance for Model RED-HV-F9

Airflow		Velocity		Pressure Drop		Pressure Drop w/ System Effects*		Dynamic Insertion Loss (dB)							
CFM	(L/s)	FPM	(m/s)	in.w.g.	(Pa)	in.w.g.	(Pa)	63 Hz	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 KHz	8 KHz
1100	520	294	1	N/A	N/A	N/A	N/A	1	4	8	15	21	21	17	13

Silencer performance data has been obtained from tests conducted in a laboratory facility NVLAP accredited for the ASTM E477-06a test standard.

* Duct configuration must be known for at least 5 duct diameters upstream and downstream of the silencer to determine pressure drop with system effects

HGC ENGINEERING

Howe Gastmeier Chapnik Limited
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Mississauga, Ontario, Canada L5N 1P7
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SOUND POWER MEASUREMENTS OF 1600 KVA ELECTRICAL TRANSFORMER ACCORDING TO ISO 9614-2

Prepared for:

Canadian Solar Solutions Inc.
545 Speedvale Avenue West
Guelph, Ontario
N1K 1E6

April 24, 2015

1 INTRODUCTION & SUMMARY

HGC Engineering was retained by Canadian Solar Solutions Inc. to determine the sound power level of a 1600 kVA transformer installed as part of an inverter assembly at the GoldLight Solar site at 7130 Old Homestead Road, Ontario. The measurements of the transformer were conducted on April 15, 2015.

The methods in ISO Standard ISO 9614-2[1] were used to determine the transformer sound power level using sound intensity instrumentation, which provide the best possible immunity to interfering noise from nearby sources and background sound.

The results and details of the measurements are included in the body of the report.

2 SOUND SOURCES UNDER TEST

The unit under test was a 1600 kVA electrical transformer manufactured by Cooper Power Systems (catalogue No. 0001EA65X7TA, serial No. CP1459001760). The transformer was located on an elevated concrete pad, approximately 0.4 m above local grade, immediately adjacent to an electrical inverter enclosure. Pictures of the transformer and inverter assembly are included as Figures 1a and 1b.

[1] ISO 9614-2, "Acoustics – Determination of sound power levels of sources using sound intensity – Part 2: Measurement by scanning", International Organization for Standardization, Switzerland, 1996.

3 ACOUSTIC ENVIRONMENT

The transformer was energized during the measurements, as confirmed at the outset of the test by Canadian Solar personnel. In order to minimize the interference from two inverter exhausts, which are part of the adjacent inverter installation, the inverters associated with the transformer were deactivated by Canadian Solar personnel immediately before the test.

During the test, sound emissions from the transformer were observed to vary cyclically in intervals of approximately two minutes; the sound emissions exhibited tonal character, with a dominant tone to be audible in the 125 Hz octave band.

Weather conditions during the test period were sunny, with air temperature of 10° Celsius, and a northeast wind from 5 to 10 km/hr.

4 INSTRUMENTATION

All instrumentation was within its annual laboratory calibration period (certificates in Appendix A) and correct calibration was verified before and after the measurements using a Brüel & Kjær model 4231 sound level calibrator.

The test was conducted using a Brüel & Kjær PULSE model 3560-B-010 Real Time Frequency Analyzer (S/N 2476771) equipped with a Brüel & Kjær model ZH 0632 Sound Intensity Probe and a Brüel & Kjær phase-matched intensity microphone pair. The pressure-residual intensity index, L_{PRI}, for the intensity measurement system was calibrated prior to the measurements using a G.R.A.S. cavity calibrator, model 51AB.

5 MEASUREMENT PROCEDURE

In accordance with methods of ISO Standard 9614-2, a five-sided rectangular measurement surface was defined (four vertical sides plus top) around the transformer, with side dimensions of 1.8 m x 2.2 m and height of 1.95 m. Sound intensity measurements were conducted over each measurement sub-surface, using a 12 mm microphone spacer for frequencies greater than 500 Hz and a 50 mm spacer for frequency bands in the range of 50 to 500 Hz. Each scan was repeated orthogonally, as required by the ISO 9614-2 standard with a scanning speed of approximately 0.5 m/s. A sketch of the measurement setup is appended as Figure 2.

6 RESULTS

Table I, below, provides the resulting octave band linear-weighted and overall A-weighted sound power levels of the subject 1600 kVA transformer.

Table I: Test Results According to ISO 9614-2

Octave Band Centre Frequency [Hz]	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**	**Overall [dBA]**
Sound Power Level [dB re: 10^{-12} Watt]	--	51	49	47	45	38	45	--	51

Note: The transformer produced minimal sound emissions in the 63 Hz and 8 kHz octave bands. The measured sound levels in these bands were at least 10 dB below the values in the remaining frequency bands, and were thus excluded from the determination of the transformer sound power level, as stipulated by the ISO standard.

The measurements yielded results in the range from 125 Hz to 4 kHz, and achieved "Survey Grade" accuracy according to ISO 9614-2.

ISO Standard 9614-2 provides certainty limits for measurement results having Engineering Grade or Survey Grade accuracy, as listed in Table II below.

Table II: Uncertainty –Standard Deviation [dB]

Frequency Range [Hz]	**Engineering Grade Accuracy**	**Survey Grade Accuracy**
50 to 160	3.0	
200 to 315	2.0	
400 to 5000	1.5	
6300	2.5	
Overall [dBA]	1.5	4

The detailed results of the test, including the data quality indices stipulated in the standard, are summarized in Appendix B.

Howe Gastmeier Chapnik Limited

Petr Chocensky, PhD

Reviewed by:

Rob Stevens, MASc, P.Eng

R. D. STEVENS
24-Apr-15
PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

Figure 1a: 1600 kVA Transformer and Inverter Enclosure

Figure 1b: 1600 kVA Transformer and Inverter Enclosure

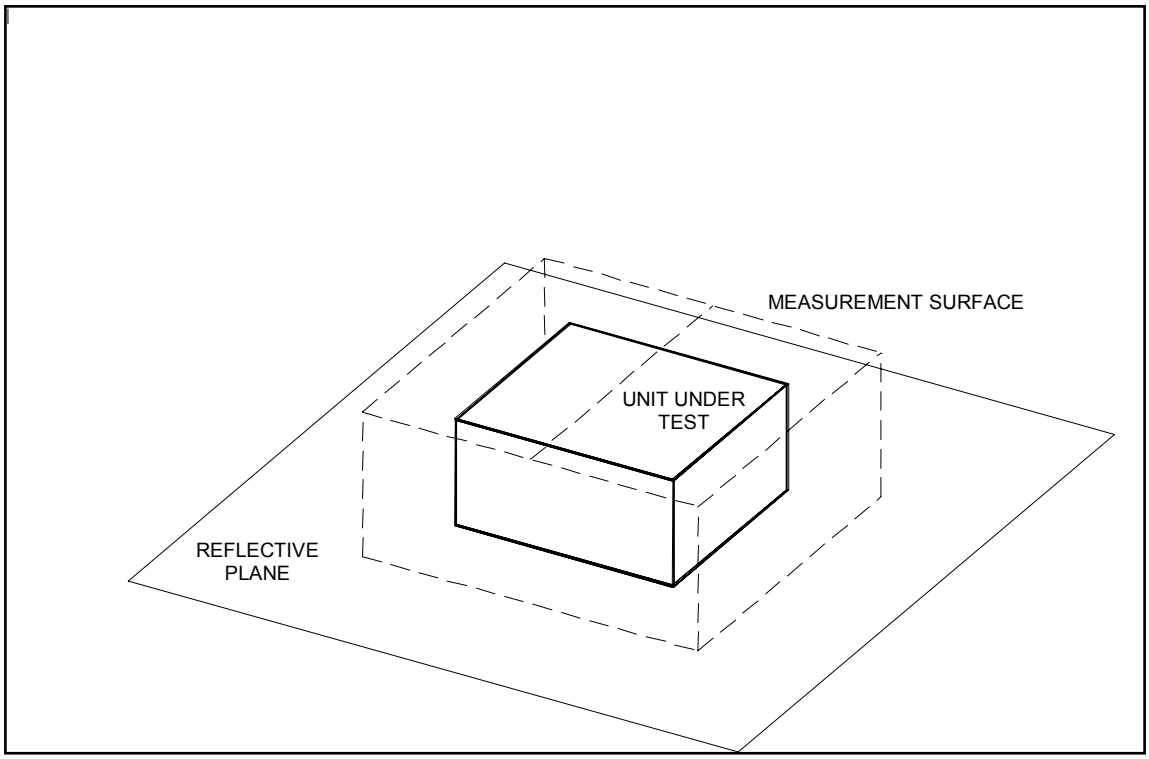

Figure 2: Sketch of Measurement Surface

APPENDIX A

CERTIFICATE of CALIBRATION

Make :	Bruel & Kjaer	Reference # :	137986
Model :	3560-B-010	Customer :	HGC Engineering Mississauga, ON
Descr. :	Measuring System 5 ch		
Serial # :	2476771	P. Order :	Sean Richardson
Asset # :	NAN		

Cal. status : Received in spec's, no adjustment made.

Navair Technologies certifies that the above listed instrument was calibrated on date noted and was released from this laboratory performing in accordance with the specifications set forth by the manufacturer.

Unless otherwise noted in the calibration report a 4:1 accuracy ratio was maintained for this calibration.

Our calibration system complies with the requirements of ISO-17025 standard, working standards used for calibration are certified by or traceable to the National Research Council of Canada or the National Institute of Standards and Technology.

Calibrated : Jan 09, 2015 By : J. Raposo

Cal. Due : Jan 09, 2016

Temperature : 23 °C ± 2 °C Relative Humidity : 30% to 70%

Standards used : J-129 J-215 J-303

Navair Technologies

REPAIR AND CALIBRATION TRACEABLE TO NRC AND NIST

6375 Dixie Rd. Mississauga, ON, L5T 2E7 http: // www.navair.com

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APPENDIX B

Table B1: 1600 kVA Transformer Test Data Reported In Accordance With ISO 9614-2

Value	Octave Band Centre Frequency [Hz]								Overall [dBA]
	63	125	250	500	1k	2k	4k	8k	
Lw - Unweighted [dB re 10-12 W]	**--**	**51**	**49**	**47**	**45**	**38**	**45**	--	**51**
FpI	0	13	10	7	6	11	6	22	
Ld (Engineering Grade)	14	23	20	20	15	14	13	10	
Ld (Survey Grade)	17	26	23	23	18	17	16	13	
F+/-	-2	-7	-4	-1	-2	-3	0	-11	
Lwi(1) - Lwi(2)	3	>10	4	2	6	7	1	>10	
Achieved Grade of Accuracy									Survey Grade

Note: The transformer produced minimal sound emissions in the 63 Hz and 8 kHz octave bands. The measured sound levels in these bands were at least 10 dB below the values in the remaining frequency bands, and were thus excluded from the determination of the transformer sound power level, as stipulated by the ISO standard.

APPENDIX B

CADNA/A Noise Modelling and Calculations

Receiver: Existing Noise Receptor
ID: R1
X: 519828
Y: 4885842
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2376.7	3.25	0	78.52	0	0.23	0	0	14.22	0	0	0	0	0	0	7.34	7.34
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2441.4	3.25	0	78.75	0	0.24	0	0	14.35	0	0	0	0	0	0	6.97	6.97
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2614.6	4.4	0	79.35	0	-0.71	0	0	5.37	0	0	0	0	0	0	16.77	16.77
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2540.6	3.25	0	79.1	0	0.27	0	0	14.53	0	0	0	0	0	0	6.41	6.41
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2549.5	3.25	0	79.13	0	0.27	0	0	14.55	0	0	0	0	0	0	6.36	6.36
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2630.1	3.25	0	79.4	0	0.29	0	0	14.7	0	0	0	0	0	0	5.92	5.92
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2670.5	3.25	0	79.53	0	0.29	0	0	14.78	0	0	0	0	0	0	5.71	5.71
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2690.8	3.25	0	79.6	0	0.3	0	0	14.81	0	0	0	0	0	0	5.6	5.6
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2782.1	3.25	0	79.89	0	0.32	0	0	14.98	0	0	0	0	0	0	5.12	5.12
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2784.5	3.25	0	79.9	0	0.32	0	0	14.99	0	0	0	0	0	0	5.11	5.11
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2785.5	3.25	0	79.9	0	0.32	0	0	14.99	0	0	0	0	0	0	5.11	5.11
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2800.3	3.25	0	79.94	0	0.32	0	0	15.01	0	0	0	0	0	0	5.03	5.03
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2896.8	3.25	0	80.24	0	0.34	0	0	15.19	0	0	0	0	0	0	4.54	4.54
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2945.6	3.25	0	80.38	0	0.35	0	0	15.28	0	0	0	0	0	0	4.3	4.3
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2965.4	3.25	0	80.44	0	0.36	0	0	15.31	0	0	0	0	0	0	4.2	4.2
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2581.7	3.5	0	79.24	0	3.34	0	0	2.06	0	0	0	0	0	0	11.99	11.99
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2594.2	3.77	0	79.28	0	-0.4	0	0	5.34	0	0	0	0	0	0	2.76	2.76
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2378.8	3.25	0	78.53	0	0.56	0	0	7.77	0	0	0	0	0	0	-30.8	-30.8
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2443.7	3.25	0	78.76	0	0.59	0	0	7.89	0	0	0	0	0	0	-31.18	-31.18
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2537.5	3.25	0	79.09	0	0.63	0	0	8.06	0	0	0	0	0	0	-31.72	-31.72
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2551.9	3.25	0	79.14	0	0.64	0	0	8.08	0	0	0	0	0	0	-31.8	-31.8
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2630	3.25	0	79.4	0	0.67	0	0	8.22	0	0	0	0	0	0	-32.24	-32.24
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2673.5	3.25	0	79.54	0	0.69	0	0	8.3	0	0	0	0	0	0	-32.48	-32.48
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2693	3.25	0	79.6	0	0.7	0	0	8.34	0	0	0	0	0	0	-32.58	-32.58
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2778.8	3.25	0	79.88	0	0.74	0	0	8.49	0	0	0	0	0	0	-33.04	-33.04
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2781.4	3.25	0	79.89	0	0.74	0	0	8.49	0	0	0	0	0	0	-33.06	-33.06
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2781.7	3.25	0	79.89	0	0.74	0	0	8.49	0	0	0	0	0	0	-33.06	-33.06
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2804	3.25	0	79.96	0	0.75	0	0	8.53	0	0	0	0	0	0	-33.17	-33.17
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2899.3	3.25	0	80.25	0	0.79	0	0	8.7	0	0	0	0	0	0	-33.67	-33.67
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2941.9	3.25	0	80.37	0	0.81	0	0	8.77	0	0	0	0	0	0	-33.89	-33.89
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2963.1	3.25	0	80.43	0	0.81	0	0	8.81	0	0	0	0	0	0	-34	-34
Value D/N:	0	0																									
Level D/N:	20.6725	20.6725																									

Receiver: Existing Noise Receptor
ID: R2
X: 520044
Y: 4885839
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2294.7	3.25	0	78.21	0	0.21	0	0	14.06	0	0	0	0	0	0	7.83	7.83
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2346.1	3.25	0	78.41	0	0.22	0	0	14.16	0	0	0	0	0	0	7.52	7.52
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2432.9	3.25	0	78.72	0	0.24	0	0	14.33	0	0	0	0	0	0	7.02	7.02
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2471.4	3.25	0	78.86	0	0.25	0	0	14.4	0	0	0	0	0	0	6.8	6.8
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2648.4	4.4	0	79.46	0	-0.71	0	0	5.42	0	0	0	0	0	0	16.6	16.6
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2564.8	3.25	0	79.18	0	0.27	0	0	14.58	0	0	0	0	0	0	6.28	6.28
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2602.1	3.25	0	79.31	0	0.28	0	0	14.65	0	0	0	0	0	0	6.08	6.08
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2641.9	3.25	0	79.44	0	0.29	0	0	14.72	0	0	0	0	0	0	5.86	5.86

Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2642.2	3.25	0	79.44	0	0.29	0	0	14.72	0	0	0	0	0	0	5.86	5.86
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2663.9	3.25	0	79.51	0	0.29	0	0	14.77	0	0	0	0	0	0	5.74	5.74
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2669.8	3.25	0	79.53	0	0.29	0	0	14.78	0	0	0	0	0	0	5.71	5.71
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2684.7	3.25	0	79.58	0	0.3	0	0	14.8	0	0	0	0	0	0	5.63	5.63
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2809.7	3.25	0	79.97	0	0.32	0	0	15.03	0	0	0	0	0	0	4.98	4.98
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2812.3	3.25	0	79.98	0	0.32	0	0	15.04	0	0	0	0	0	0	4.97	4.97
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2869.5	3.25	0	80.16	0	0.34	0	0	15.14	0	0	0	0	0	0	4.68	4.68
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2614.6	3.5	0	79.35	0	3.34	0	0	2.08	0	0	0	0	0	0	11.86	11.86
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2628.2	3.77	0	79.39	0	-0.39	0	0	5.39	0	0	0	0	0	0	2.58	2.58
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2296.3	3.25	0	78.22	0	0.53	0	0	7.61	0	0	0	0	0	0	-30.3	-30.3
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2348	3.25	0	78.41	0	0.55	0	0	7.71	0	0	0	0	0	0	-30.62	-30.62
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2430.2	3.25	0	78.71	0	0.59	0	0	7.86	0	0	0	0	0	0	-31.1	-31.1
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2473.2	3.25	0	78.87	0	0.61	0	0	7.94	0	0	0	0	0	0	-31.35	-31.35
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2567.5	3.25	0	79.19	0	0.65	0	0	8.11	0	0	0	0	0	0	-31.89	-31.89
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2603.9	3.25	0	79.31	0	0.66	0	0	8.18	0	0	0	0	0	0	-32.09	-32.09
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2638	3.25	0	79.43	0	0.68	0	0	8.24	0	0	0	0	0	0	-32.28	-32.28
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2641.6	3.25	0	79.44	0	0.68	0	0	8.24	0	0	0	0	0	0	-32.3	-32.3
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2661	3.25	0	79.5	0	0.69	0	0	8.28	0	0	0	0	0	0	-32.41	-32.41
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2673.2	3.25	0	79.54	0	0.69	0	0	8.3	0	0	0	0	0	0	-32.47	-32.47
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2682.2	3.25	0	79.57	0	0.69	0	0	8.32	0	0	0	0	0	0	-32.52	-32.52
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2806.3	3.25	0	79.96	0	0.75	0	0	8.54	0	0	0	0	0	0	-33.19	-33.19
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2814.4	3.25	0	79.99	0	0.75	0	0	8.55	0	0	0	0	0	0	-33.23	-33.23
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2867.5	3.25	0	80.15	0	0.77	0	0	8.64	0	0	0	0	0	0	-33.51	-33.51
Value D/N: 0	0																								
Level D/N: 20.8205	20.8205																								

Receiver: Existing Noise Receptor
ID: R3
X: 521911
Y: 4885662
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1882.4	3.25	0	76.49	0	0.09	0	0	13.21	0	0	0	0	0	0	10.51	10.51
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2052.6	3.25	0	77.25	0	0.14	0	0	13.57	0	0	0	0	0	0	9.35	9.35
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2091	3.25	0	77.41	0	0.15	0	0	13.65	0	0	0	0	0	0	9.1	9.1
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2133.9	3.25	0	77.58	0	0.17	0	0	13.74	0	0	0	0	0	0	8.82	8.82
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2181.8	3.25	0	77.78	0	0.18	0	0	13.84	0	0	0	0	0	0	8.52	8.52
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2197.5	3.25	0	77.84	0	0.18	0	0	13.87	0	0	0	0	0	0	8.42	8.42
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2240.9	3.25	0	78.01	0	0.19	0	0	13.95	0	0	0	0	0	0	8.15	8.15
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2284.3	3.25	0	78.18	0	0.21	0	0	14.04	0	0	0	0	0	0	7.89	7.89
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2381.5	3.25	0	78.54	0	0.23	0	0	14.23	0	0	0	0	0	0	7.31	7.31
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2428.4	3.25	0	78.71	0	0.24	0	0	14.32	0	0	0	0	0	0	7.04	7.04
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2434.2	3.25	0	78.73	0	0.24	0	0	14.33	0	0	0	0	0	0	7.01	7.01
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2554.7	3.25	0	79.15	0	0.27	0	0	14.56	0	0	0	0	0	0	6.33	6.33
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2619.6	3.25	0	79.36	0	0.28	0	0	14.68	0	0	0	0	0	0	5.98	5.98
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1882.8	3.25	0	76.5	0	0.35	0	0	6.81	0	0	0	0	0	0	-27.6	-27.6
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2051.6	3.25	0	77.24	0	0.43	0	0	7.14	0	0	0	0	0	0	-28.75	-28.75
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2091.4	3.25	0	77.41	0	0.44	0	0	7.22	0	0	0	0	0	0	-29.01	-29.01
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2136	3.25	0	77.59	0	0.46	0	0	7.31	0	0	0	0	0	0	-29.3	-29.3
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2183.2	3.25	0	77.78	0	0.48	0	0	7.4	0	0	0	0	0	0	-29.6	-29.6
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2195.3	3.25	0	77.83	0	0.49	0	0	7.42	0	0	0	0	0	0	-29.68	-29.68
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2238.9	3.25	0	78	0	0.51	0	0	7.5	0	0	0	0	0	0	-29.95	-29.95
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2281.9	3.25	0	78.17	0	0.52	0	0	7.59	0	0	0	0	0	0	-30.22	-30.22
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2383.4	3.25	0	78.54	0	0.57	0	0	7.78	0	0	0	0	0	0	-30.83	-30.83
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2426.5	3.25	0	78.7	0	0.59	0	0	7.85	0	0	0	0	0	0	-31.08	-31.08
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2431.5	3.25	0	78.72	0	0.59	0	0	7.86	0	0	0	0	0	0	-31.11	-31.11
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2556.1	3.25	0	79.15	0	0.64	0	0	8.09	0	0	0	0	0	0	-31.82	-31.82

	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2617.6	3.25	0	79.36	0	0.67	0	0	8.2	0	0	0	0	0	0	-32.17	-32.17
Value D/N:	0	0																									
Level D/N:	19.3513	19.3513																									

Receiver: Existing Noise Receptor
ID: R4
X: 521857
Y: 4885474
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1690.1	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.94	11.94
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1858.2	3.25	0	76.38	0	0.09	0	0	13.16	0	0	0	0	0	0	10.69	10.69
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1899.1	3.25	0	76.57	0	0.1	0	0	13.25	0	0	0	0	0	0	10.39	10.39
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1939.1	3.25	0	76.75	0	0.11	0	0	13.33	0	0	0	0	0	0	10.12	10.12
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1986.4	3.25	0	76.96	0	0.13	0	0	13.43	0	0	0	0	0	0	9.79	9.79
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2004.9	3.25	0	77.04	0	0.13	0	0	13.47	0	0	0	0	0	0	9.67	9.67
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2045.5	3.25	0	77.22	0	0.14	0	0	13.56	0	0	0	0	0	0	9.4	9.4
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2094.4	3.25	0	77.42	0	0.16	0	0	13.66	0	0	0	0	0	0	9.08	9.08
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2186.1	3.25	0	77.79	0	0.18	0	0	13.85	0	0	0	0	0	0	8.49	8.49
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2234.1	3.25	0	77.98	0	0.19	0	0	13.94	0	0	0	0	0	0	8.2	8.2
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2242.4	3.25	0	78.01	0	0.19	0	0	13.96	0	0	0	0	0	0	8.15	8.15
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2359.1	3.25	0	78.45	0	0.22	0	0	14.19	0	0	0	0	0	0	7.45	7.45
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2424.5	3.25	0	78.69	0	0.24	0	0	14.31	0	0	0	0	0	0	7.07	7.07
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1690.3	3.25	0	75.56	0	0.28	0	0	6.42	0	0	0	0	0	0	-26.2	-26.2
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1857.3	3.25	0	76.38	0	0.34	0	0	6.76	0	0	0	0	0	0	-27.42	-27.42
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1899.4	3.25	0	76.57	0	0.36	0	0	6.84	0	0	0	0	0	0	-27.72	-27.72
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1941.3	3.25	0	76.76	0	0.38	0	0	6.93	0	0	0	0	0	0	-28.01	-28.01
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1987.8	3.25	0	76.97	0	0.4	0	0	7.02	0	0	0	0	0	0	-28.33	-28.33
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2002.6	3.25	0	77.03	0	0.41	0	0	7.05	0	0	0	0	0	0	-28.43	-28.43
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2043.6	3.25	0	77.21	0	0.42	0	0	7.13	0	0	0	0	0	0	-28.7	-28.7
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2091.9	3.25	0	77.41	0	0.44	0	0	7.22	0	0	0	0	0	0	-29.02	-29.02
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2188	3.25	0	77.8	0	0.48	0	0	7.41	0	0	0	0	0	0	-29.63	-29.63
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2232.2	3.25	0	77.97	0	0.5	0	0	7.49	0	0	0	0	0	0	-29.91	-29.91
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2239.6	3.25	0	78	0	0.51	0	0	7.51	0	0	0	0	0	0	-29.96	-29.96
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2360.5	3.25	0	78.46	0	0.56	0	0	7.73	0	0	0	0	0	0	-30.69	-30.69
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2422.5	3.25	0	78.69	0	0.58	0	0	7.85	0	0	0	0	0	0	-31.06	-31.06
Value D/N:	0	0																									
Level D/N:	20.6072	20.6072																									

Receiver: Existing Noise Receptor
ID: R5
X: 521930
Y: 4885381
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1605.7	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.61	12.61
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1780.3	3.25	0	76.01	0	0.06	0	0	12.98	0	0	0	0	0	0	11.25	11.25
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1813.6	3.25	0	76.17	0	0.07	0	0	13.06	0	0	0	0	0	0	11.01	11.01
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1882.1	3.25	0	76.49	0	0.09	0	0	13.21	0	0	0	0	0	0	10.52	10.52
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1915.2	3.25	0	76.64	0	0.1	0	0	13.28	0	0	0	0	0	0	10.28	10.28
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1957.2	3.25	0	76.83	0	0.12	0	0	13.37	0	0	0	0	0	0	9.99	9.99
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1984.2	3.25	0	76.95	0	0.12	0	0	13.43	0	0	0	0	0	0	9.81	9.81
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2054.3	3.25	0	77.25	0	0.14	0	0	13.58	0	0	0	0	0	0	9.34	9.34
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2123.2	3.25	0	77.54	0	0.16	0	0	13.72	0	0	0	0	0	0	8.89	8.89
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2179.2	3.25	0	77.77	0	0.18	0	0	13.83	0	0	0	0	0	0	8.54	8.54

Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2196.8	3.25	0	77.84	0	0.18	0	0	13.87	0	0	0	0	0	0	8.43	8.43
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2292.4	3.25	0	78.21	0	0.21	0	0	14.06	0	0	0	0	0	0	7.84	7.84
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2364.8	3.25	0	78.48	0	0.23	0	0	14.2	0	0	0	0	0	0	7.41	7.41
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1606.3	3.25	0	75.12	0	0.24	0	0	6.24	0	0	0	0	0	0	-25.54	-25.54
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1779.1	3.25	0	76	0	0.31	0	0	6.6	0	0	0	0	0	0	-26.86	-26.86
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1814.1	3.25	0	76.17	0	0.33	0	0	6.67	0	0	0	0	0	0	-27.11	-27.11
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1884.6	3.25	0	76.5	0	0.36	0	0	6.81	0	0	0	0	0	0	-27.62	-27.62
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1916.9	3.25	0	76.65	0	0.37	0	0	6.88	0	0	0	0	0	0	-27.84	-27.84
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1954.7	3.25	0	76.82	0	0.38	0	0	6.95	0	0	0	0	0	0	-28.1	-28.1
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1981.9	3.25	0	76.94	0	0.4	0	0	7.01	0	0	0	0	0	0	-28.29	-28.29
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2051.6	3.25	0	77.24	0	0.43	0	0	7.14	0	0	0	0	0	0	-28.75	-28.75
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2125.4	3.25	0	77.55	0	0.46	0	0	7.29	0	0	0	0	0	0	-29.23	-29.23
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2177	3.25	0	77.76	0	0.48	0	0	7.39	0	0	0	0	0	0	-29.56	-29.56
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2193.7	3.25	0	77.82	0	0.49	0	0	7.42	0	0	0	0	0	0	-29.67	-29.67
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2294	3.25	0	78.21	0	0.53	0	0	7.61	0	0	0	0	0	0	-30.29	-30.29
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2362.5	3.25	0	78.47	0	0.56	0	0	7.74	0	0	0	0	0	0	-30.7	-30.7
Value D/N:	0	0																							
Level D/N:	21.0632	21.0632																							

Receiver: Existing Noise Receptor
ID: R6
X: 521950
Y: 4885315
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1543.3	3.25	0	74.77	0	-0.02	0	0	12.43	0	0	0	0	0	0	13.13	13.13
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1720.3	3.25	0	75.71	0	0.04	0	0	12.85	0	0	0	0	0	0	11.71	11.71
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1750.6	3.25	0	75.86	0	0.05	0	0	12.92	0	0	0	0	0	0	11.48	11.48
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1831	3.25	0	76.25	0	0.08	0	0	13.1	0	0	0	0	0	0	10.88	10.88
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1857.8	3.25	0	76.38	0	0.09	0	0	13.16	0	0	0	0	0	0	10.69	10.69
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1910.3	3.25	0	76.62	0	0.1	0	0	13.27	0	0	0	0	0	0	10.32	10.32
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1931	3.25	0	76.72	0	0.11	0	0	13.32	0	0	0	0	0	0	10.17	10.17
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2011.1	3.25	0	77.07	0	0.13	0	0	13.49	0	0	0	0	0	0	9.63	9.63
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2069.3	3.25	0	77.32	0	0.15	0	0	13.61	0	0	0	0	0	0	9.24	9.24
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2128.8	3.25	0	77.56	0	0.16	0	0	13.73	0	0	0	0	0	0	8.86	8.86
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2150.7	3.25	0	77.65	0	0.17	0	0	13.77	0	0	0	0	0	0	8.72	8.72
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2236.6	3.25	0	77.99	0	0.19	0	0	13.95	0	0	0	0	0	0	8.18	8.18
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2312.1	3.25	0	78.28	0	0.21	0	0	14.1	0	0	0	0	0	0	7.72	7.72
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1544	3.25	0	74.77	0	0.22	0	0	6.11	0	0	0	0	0	0	-25.04	-25.04
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1718.9	3.25	0	75.71	0	0.29	0	0	6.48	0	0	0	0	0	0	-26.41	-26.41
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1751.2	3.25	0	75.87	0	0.3	0	0	6.54	0	0	0	0	0	0	-26.65	-26.65
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1833.6	3.25	0	76.27	0	0.33	0	0	6.71	0	0	0	0	0	0	-27.25	-27.25
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1859.6	3.25	0	76.39	0	0.35	0	0	6.76	0	0	0	0	0	0	-27.44	-27.44
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1907.8	3.25	0	76.61	0	0.37	0	0	6.86	0	0	0	0	0	0	-27.78	-27.78
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1928.6	3.25	0	76.7	0	0.37	0	0	6.9	0	0	0	0	0	0	-27.92	-27.92
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2008.3	3.25	0	77.06	0	0.41	0	0	7.06	0	0	0	0	0	0	-28.47	-28.47
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2071.6	3.25	0	77.33	0	0.43	0	0	7.18	0	0	0	0	0	0	-28.89	-28.89
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2126.5	3.25	0	77.55	0	0.46	0	0	7.29	0	0	0	0	0	0	-29.24	-29.24
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2147.6	3.25	0	77.64	0	0.47	0	0	7.33	0	0	0	0	0	0	-29.38	-29.38
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2238.3	3.25	0	78	0	0.5	0	0	7.5	0	0	0	0	0	0	-29.95	-29.95
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2309.6	3.25	0	78.27	0	0.54	0	0	7.64	0	0	0	0	0	0	-30.39	-30.39
Value D/N:	0	0																									
Level D/N:	21.454	21.454																									

Receiver: Existing Noise Receptor
ID: R7
X: 521960

Y: 4885188
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1419.7	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.21	14.21
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1599.4	3.25	0	75.08	0	0	0	0	12.57	0	0	0	0	0	0	12.66	12.66
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1626.3	3.25	0	75.22	0	0.01	0	0	12.63	0	0	0	0	0	0	12.45	12.45
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1722.5	3.25	0	75.72	0	0.04	0	0	12.85	0	0	0	0	0	0	11.69	11.69
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1740.3	3.25	0	75.81	0	0.05	0	0	12.89	0	0	0	0	0	0	11.55	11.55
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1808.3	3.25	0	76.15	0	0.07	0	0	13.05	0	0	0	0	0	0	11.05	11.05
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1819.3	3.25	0	76.2	0	0.08	0	0	13.07	0	0	0	0	0	0	10.97	10.97
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1914.7	3.25	0	76.64	0	0.1	0	0	13.28	0	0	0	0	0	0	10.29	10.29
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1956.4	3.25	0	76.83	0	0.12	0	0	13.37	0	0	0	0	0	0	10	10
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2021	3.25	0	77.11	0	0.14	0	0	13.51	0	0	0	0	0	0	9.56	9.56
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2049.7	3.25	0	77.23	0	0.14	0	0	13.57	0	0	0	0	0	0	9.37	9.37
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2121.1	3.25	0	77.53	0	0.16	0	0	13.71	0	0	0	0	0	0	8.9	8.9
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2200.8	3.25	0	77.85	0	0.18	0	0	13.87	0	0	0	0	0	0	8.4	8.4
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2962.4	3.25	0	80.43	0	0.35	0	0	15.31	0	0	0	0	0	0	4.22	4.22
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1420.5	3.25	0	74.05	0	0.17	0	0	5.85	0	0	0	0	0	0	-24	-24
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1597.9	3.25	0	75.07	0	0.24	0	0	6.23	0	0	0	0	0	0	-25.48	-25.48
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1627	3.25	0	75.23	0	0.25	0	0	6.29	0	0	0	0	0	0	-25.71	-25.71
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1725.3	3.25	0	75.74	0	0.29	0	0	6.49	0	0	0	0	0	0	-26.46	-26.46
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1742.3	3.25	0	75.82	0	0.3	0	0	6.53	0	0	0	0	0	0	-26.59	-26.59
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1805.6	3.25	0	76.13	0	0.32	0	0	6.66	0	0	0	0	0	0	-27.05	-27.05
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1816.8	3.25	0	76.19	0	0.33	0	0	6.68	0	0	0	0	0	0	-27.13	-27.13
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1911.7	3.25	0	76.63	0	0.37	0	0	6.87	0	0	0	0	0	0	-27.81	-27.81
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1958.8	3.25	0	76.84	0	0.39	0	0	6.96	0	0	0	0	0	0	-28.13	-28.13
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2018.6	3.25	0	77.1	0	0.41	0	0	7.08	0	0	0	0	0	0	-28.53	-28.53
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2046.3	3.25	0	77.22	0	0.42	0	0	7.13	0	0	0	0	0	0	-28.72	-28.72
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2123	3.25	0	77.54	0	0.46	0	0	7.28	0	0	0	0	0	0	-29.22	-29.22
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2198.2	3.25	0	77.84	0	0.49	0	0	7.43	0	0	0	0	0	0	-29.7	-29.7
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2958.7	3.25	0	80.42	0	0.81	0	0	8.8	0	0	0	0	0	0	-33.97	-33.97
Value D/N:	0	0																									
Level D/N:	22.3653	22.3653																									

Receiver: Existing Noise Receptor
ID: R8
X: 522044
Y: 4884698
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	966.64	3.25	0	70.71	0	-0.26	0	0	10.8	0	0	0	0	0	0	19.07	19.07
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1164.3	3.25	0	72.32	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.74	16.74
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1165.2	3.25	0	72.33	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.73	16.73
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1326	3.25	0	73.45	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.09	15.09
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1365	3.25	0	73.7	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.72	14.72
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1440.2	3.25	0	74.17	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.03	14.03
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1485.6	3.25	0	74.44	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.62	13.62
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1567.1	3.25	0	74.9	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.93	12.93
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1619.2	3.25	0	75.19	0	0.01	0	0	12.61	0	0	0	0	0	0	12.5	12.5
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1660.4	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.17	12.17
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1713.7	3.25	0	75.68	0	0.04	0	0	12.83	0	0	0	0	0	0	11.76	11.76
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1725.4	3.25	0	75.74	0	0.05	0	0	12.86	0	0	0	0	0	0	11.67	11.67
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1816.8	3.25	0	76.19	0	0.07	0	0	13.07	0	0	0	0	0	0	10.99	10.99
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2731	3.25	0	79.73	0	0.31	0	0	14.89	0	0	0	0	0	0	5.39	5.39
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2937.7	4.4	0	80.36	0	-0.65	0	0	5.86	0	0	0	0	0	0	15.21	15.21

Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2907.7	3.5	0	80.27	0	3.4	0	0	2.25	0	0	0	0	0	0	10.71	10.71
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2926.9	3.77	0	80.33	0	-0.32	0	0	5.85	0	0	0	0	0	0	1.12	1.12
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	968.45	3.25	0	70.72	0	0	0	0	4.81	0	0	0	0	0	0	-19.48	-19.48
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1161.8	3.25	0	72.3	0	0.07	0	0	5.27	0	0	0	0	0	0	-21.58	-21.58
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1166.6	3.25	0	72.34	0	0.07	0	0	5.28	0	0	0	0	0	0	-21.63	-21.63
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1328.9	3.25	0	73.47	0	0.13	0	0	5.65	0	0	0	0	0	0	-23.19	-23.19
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1368.9	3.25	0	73.73	0	0.15	0	0	5.73	0	0	0	0	0	0	-23.55	-23.55
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1436.7	3.25	0	74.15	0	0.17	0	0	5.88	0	0	0	0	0	0	-24.14	-24.14
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1482	3.25	0	74.42	0	0.19	0	0	5.98	0	0	0	0	0	0	-24.53	-24.53
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1570.4	3.25	0	74.92	0	0.23	0	0	6.17	0	0	0	0	0	0	-25.26	-25.26
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1615.3	3.25	0	75.17	0	0.24	0	0	6.26	0	0	0	0	0	0	-25.61	-25.61
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1657.3	3.25	0	75.39	0	0.26	0	0	6.35	0	0	0	0	0	0	-25.94	-25.94
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1716.2	3.25	0	75.69	0	0.29	0	0	6.47	0	0	0	0	0	0	-26.39	-26.39
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1721.2	3.25	0	75.72	0	0.29	0	0	6.48	0	0	0	0	0	0	-26.43	-26.43
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1813.4	3.25	0	76.17	0	0.33	0	0	6.67	0	0	0	0	0	0	-27.11	-27.11
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2726.8	3.25	0	79.71	0	0.71	0	0	8.4	0	0	0	0	0	0	-32.76	-32.76
Value D/N: 0	0																								
Level D/N: 26.3457	26.3457																								

Receiver: Existing Noise Receptor
ID: R9
X: 521972
Y: 4884286
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	559.88	3.25	0	65.96	0	-0.51	0	0	8.95	0	0	0	0	0	0	25.9	25.9
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	751.12	3.25	0	68.51	0	-0.38	0	0	9.97	0	0	0	0	0	0	22.21	22.21
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	767.28	3.25	0	68.7	0	-0.37	0	0	10.04	0	0	0	0	0	0	21.94	21.94
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	941.97	3.25	0	70.48	0	-0.28	0	0	10.71	0	0	0	0	0	0	19.39	19.39
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1030.4	3.25	0	71.26	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.27	18.27
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1083	3.25	0	71.69	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.65	17.65
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1177.9	3.25	0	72.42	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.59	16.59
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1197.8	3.25	0	72.57	0	-0.16	0	0	11.52	0	0	0	0	0	0	16.38	16.38
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1312.6	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.22	15.22
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1327.8	3.25	0	73.46	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.07	15.07
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1330.2	3.25	0	73.48	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.05	15.05
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1406.9	3.25	0	73.96	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.33	14.33
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1446.8	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.97	13.97
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2465.7	3.25	0	78.84	0	0.25	0	0	14.39	0	0	0	0	0	0	6.83	6.83
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2691.4	4.4	0	79.6	0	-0.7	0	0	5.49	0	0	0	0	0	0	16.39	16.39
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2783.7	3.25	0	79.89	0	0.32	0	0	14.98	0	0	0	0	0	0	5.12	5.12
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2912.7	3.25	0	80.29	0	0.34	0	0	15.22	0	0	0	0	0	0	4.46	4.46
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2974	3.25	0	80.47	0	0.36	0	0	15.33	0	0	0	0	0	0	4.16	4.16
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2663.9	3.5	0	79.51	0	3.35	0	0	2.11	0	0	0	0	0	0	11.66	11.66
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2682.8	3.77	0	79.57	0	-0.38	0	0	5.47	0	0	0	0	0	0	2.31	2.31
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	562.43	3.25	0	66	0	-0.11	0	0	3.74	0	0	0	0	0	0	-13.58	-13.58
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	752.89	3.25	0	68.53	0	-0.07	0	0	4.27	0	0	0	0	0	0	-16.68	-16.68
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	764.06	3.25	0	68.66	0	-0.06	0	0	4.3	0	0	0	0	0	0	-16.84	-16.84
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	945.6	3.25	0	70.51	0	-0.01	0	0	4.76	0	0	0	0	0	0	-19.21	-19.21
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1035.2	3.25	0	71.3	0	0.02	0	0	4.97	0	0	0	0	0	0	-20.24	-20.24
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1078.7	3.25	0	71.66	0	0.04	0	0	5.08	0	0	0	0	0	0	-20.71	-20.71
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1173.6	3.25	0	72.39	0	0.07	0	0	5.3	0	0	0	0	0	0	-21.7	-21.7
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1201.8	3.25	0	72.6	0	0.08	0	0	5.36	0	0	0	0	0	0	-21.98	-21.98
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1308.9	3.25	0	73.34	0	0.12	0	0	5.6	0	0	0	0	0	0	-23	-23
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1325.8	3.25	0	73.45	0	0.13	0	0	5.64	0	0	0	0	0	0	-23.16	-23.16
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1330.7	3.25	0	73.48	0	0.13	0	0	5.65	0	0	0	0	0	0	-23.21	-23.21
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1401.9	3.25	0	73.93	0	0.16	0	0	5.81	0	0	0	0	0	0	-23.84	-23.84

Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1442.9	3.25	0	74.18	0	0.18	0	0	5.89	0	0	0	0	0	0	-24.2	-24.2
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2461.2	3.25	0	78.82	0	0.6	0	0	7.92	0	0	0	0	0	0	-31.28	-31.28
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2787.8	3.25	0	79.91	0	0.74	0	0	8.5	0	0	0	0	0	0	-33.09	-33.09
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2917.3	3.25	0	80.3	0	0.79	0	0	8.73	0	0	0	0	0	0	-33.76	-33.76
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2968.9	3.25	0	80.45	0	0.82	0	0	8.82	0	0	0	0	0	0	-34.03	-34.03
Value D/N:	0	0																							
Level D/N:	30.9209	30.9209																							

Receiver: Existing Noise Receptor
ID: R10
X: 522376
Y: 4884344
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	864.68	3.25	0	69.74	0	-0.32	0	0	10.43	0	0	0	0	0	0	20.46	20.46
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1010.1	3.25	0	71.09	0	-0.24	0	0	10.94	0	0	0	0	0	0	18.52	18.52
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1079.2	3.25	0	71.66	0	-0.21	0	0	11.16	0	0	0	0	0	0	17.69	17.69
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1267.8	3.25	0	73.06	0	-0.13	0	0	11.72	0	0	0	0	0	0	15.66	15.66
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1402.6	3.25	0	73.94	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.37	14.37
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1435.9	3.25	0	74.14	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.06	14.06
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1534.7	3.25	0	74.72	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.2	13.2
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1562.2	3.25	0	74.87	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.97	12.97
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1638	3.25	0	75.29	0	0.02	0	0	12.66	0	0	0	0	0	0	12.35	12.35
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1668.6	3.25	0	75.45	0	0.03	0	0	12.73	0	0	0	0	0	0	12.11	12.11
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1720.5	3.25	0	75.71	0	0.04	0	0	12.85	0	0	0	0	0	0	11.71	11.71
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1777.2	3.25	0	75.99	0	0.06	0	0	12.98	0	0	0	0	0	0	11.28	11.28
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1782	3.25	0	76.02	0	0.06	0	0	12.99	0	0	0	0	0	0	11.24	11.24
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2857.4	3.25	0	80.12	0	0.33	0	0	15.12	0	0	0	0	0	0	4.74	4.74
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	869.06	3.25	0	69.78	0	-0.03	0	0	4.57	0	0	0	0	0	0	-18.26	-18.26
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1013.6	3.25	0	71.12	0	0.02	0	0	4.92	0	0	0	0	0	0	-20	-20
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1074.7	3.25	0	71.63	0	0.04	0	0	5.07	0	0	0	0	0	0	-20.67	-20.67
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1272.4	3.25	0	73.09	0	0.11	0	0	5.52	0	0	0	0	0	0	-22.66	-22.66
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1407.8	3.25	0	73.97	0	0.16	0	0	5.82	0	0	0	0	0	0	-23.89	-23.89
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1430.9	3.25	0	74.11	0	0.17	0	0	5.87	0	0	0	0	0	0	-24.09	-24.09
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1539.4	3.25	0	74.75	0	0.21	0	0	6.1	0	0	0	0	0	0	-25.01	-25.01
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1557.6	3.25	0	74.85	0	0.22	0	0	6.14	0	0	0	0	0	0	-25.15	-25.15
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1641.6	3.25	0	75.31	0	0.26	0	0	6.32	0	0	0	0	0	0	-25.82	-25.82
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1664.4	3.25	0	75.43	0	0.26	0	0	6.36	0	0	0	0	0	0	-26	-26
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1715.9	3.25	0	75.69	0	0.29	0	0	6.47	0	0	0	0	0	0	-26.39	-26.39
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1772.6	3.25	0	75.97	0	0.31	0	0	6.59	0	0	0	0	0	0	-26.81	-26.81
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1776.7	3.25	0	75.99	0	0.31	0	0	6.6	0	0	0	0	0	0	-26.84	-26.84
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2852.8	3.25	0	80.11	0	0.77	0	0	8.62	0	0	0	0	0	0	-33.43	-33.43
Value D/N:	0	0																									
Level D/N:	26.5263	26.5263																									

Receiver: Existing Noise Receptor
ID: R11
X: 522594
Y: 4884570
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1177.3	3.25	0	72.42	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.6	16.6
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1323.7	3.25	0	73.44	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.11	15.11
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1392.2	3.25	0	73.87	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.46	14.46
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1580	3.25	0	74.97	0	0	0	0	12.52	0	0	0	0	0	0	12.82	12.82

Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1704.9	3.25	0	75.63	0	0.04	0	0	12.81	0	0	0	0	0	0	11.83	11.83
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1744.2	3.25	0	75.83	0	0.05	0	0	12.9	0	0	0	0	0	0	11.53	11.53
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1846.1	3.25	0	76.33	0	0.08	0	0	13.13	0	0	0	0	0	0	10.77	10.77
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1858.9	3.25	0	76.39	0	0.09	0	0	13.16	0	0	0	0	0	0	10.68	10.68
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1951.8	3.25	0	76.81	0	0.12	0	0	13.36	0	0	0	0	0	0	10.03	10.03
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1976.6	3.25	0	76.92	0	0.12	0	0	13.41	0	0	0	0	0	0	9.86	9.86
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2013.4	3.25	0	77.08	0	0.13	0	0	13.49	0	0	0	0	0	0	9.61	9.61
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2083.7	3.25	0	77.38	0	0.15	0	0	13.64	0	0	0	0	0	0	9.15	9.15
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2089.7	3.25	0	77.4	0	0.15	0	0	13.65	0	0	0	0	0	0	9.11	9.11
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1181.6	3.25	0	72.45	0	0.08	0	0	5.31	0	0	0	0	0	0	-21.78	-21.78
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1327.3	3.25	0	73.46	0	0.13	0	0	5.64	0	0	0	0	0	0	-23.17	-23.17
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1387.7	3.25	0	73.85	0	0.15	0	0	5.77	0	0	0	0	0	0	-23.72	-23.72
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1584.5	3.25	0	75	0	0.23	0	0	6.2	0	0	0	0	0	0	-25.37	-25.37
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1710	3.25	0	75.66	0	0.28	0	0	6.46	0	0	0	0	0	0	-26.34	-26.34
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1739.3	3.25	0	75.81	0	0.3	0	0	6.52	0	0	0	0	0	0	-26.56	-26.56
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1850.8	3.25	0	76.35	0	0.34	0	0	6.75	0	0	0	0	0	0	-27.38	-27.38
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1854.5	3.25	0	76.36	0	0.34	0	0	6.75	0	0	0	0	0	0	-27.4	-27.4
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1955.4	3.25	0	76.82	0	0.39	0	0	6.96	0	0	0	0	0	0	-28.11	-28.11
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1972.5	3.25	0	76.9	0	0.39	0	0	6.99	0	0	0	0	0	0	-28.22	-28.22
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2008.9	3.25	0	77.06	0	0.41	0	0	7.06	0	0	0	0	0	0	-28.47	-28.47
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2078.6	3.25	0	77.36	0	0.44	0	0	7.2	0	0	0	0	0	0	-28.93	-28.93
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2085.2	3.25	0	77.38	0	0.44	0	0	7.21	0	0	0	0	0	0	-28.97	-28.97

Value D/N: 0 0

Level D/N: 23.494 23.494

Receiver: Existing Noise Receptor

ID: R12

X: 521505

Y: 4882229

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1029.1	3.25	0	71.25	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.29	18.29
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1087.2	3.25	0	71.73	0	-0.2	0	0	11.19	0	0	0	0	0	0	17.6	17.6
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1219.1	3.25	0	72.72	0	-0.15	0	0	11.58	0	0	0	0	0	0	16.16	16.16
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1293	3.25	0	73.23	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.41	15.41
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1318.1	3.25	0	73.4	0	-0.1	0	0	11.85	0	0	0	0	0	0	15.16	15.16
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1351.4	3.25	0	73.62	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.84	14.84
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1367.4	3.25	0	73.72	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.69	14.69
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1412	3.25	0	74	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.28	14.28
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1438.9	3.25	0	74.16	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.04	14.04
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1485.1	3.25	0	74.43	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.63	13.63
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1549.3	3.25	0	74.8	0	-0.02	0	0	12.45	0	0	0	0	0	0	13.08	13.08
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1574.8	3.25	0	74.94	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.87	12.87
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1607.3	3.25	0	75.12	0	0.01	0	0	12.59	0	0	0	0	0	0	12.6	12.6
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1802.6	3.25	0	76.12	0	0.07	0	0	13.03	0	0	0	0	0	0	11.09	11.09
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1827.1	3.25	0	76.24	0	0.08	0	0	13.09	0	0	0	0	0	0	10.91	10.91
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1894.4	3.25	0	76.55	0	0.1	0	0	13.24	0	0	0	0	0	0	10.43	10.43
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1965	3.25	0	76.87	0	0.12	0	0	13.39	0	0	0	0	0	0	9.94	9.94
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1986.5	3.25	0	76.96	0	0.13	0	0	13.43	0	0	0	0	0	0	9.79	9.79
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1995.2	3.25	0	77	0	0.13	0	0	13.45	0	0	0	0	0	0	9.73	9.73
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2010.3	3.25	0	77.07	0	0.13	0	0	13.48	0	0	0	0	0	0	9.63	9.63
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2073.6	3.25	0	77.33	0	0.15	0	0	13.62	0	0	0	0	0	0	9.21	9.21
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2260.3	4.4	0	78.08	0	-0.77	0	0	4.8	0	0	0	0	0	0	18.67	18.67
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	2167.5	3.25	0	77.72	0	0.18	0	0	13.81	0	0	0	0	0	0	8.61	8.61
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	2207.5	3.25	0	77.88	0	0.19	0	0	13.89	0	0	0	0	0	0	8.36	8.36
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2263.6	3.25	0	78.1	0	0.2	0	0	14	0	0	0	0	0	0	8.02	8.02
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2353.3	3.25	0	78.43	0	0.22	0	0	14.18	0	0	0	0	0	0	7.48	7.48

Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	2400.4	3.25	0	78.61	0	0.23	0	0	14.27	0	0	0	0	0	0	7.21	7.21
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	2435.7	3.25	0	78.73	0	0.24	0	0	14.34	0	0	0	0	0	0	7	7
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	2539.5	3.25	0	79.1	0	0.27	0	0	14.53	0	0	0	0	0	0	6.42	6.42
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2569.6	3.25	0	79.2	0	0.27	0	0	14.59	0	0	0	0	0	0	6.25	6.25
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2259.5	3.5	0	78.08	0	3.28	0	0	1.87	0	0	0	0	0	0	13.4	13.4
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1799.4	3.25	0	76.1	0	1.18	0	0	8.77	0	0	0	0	0	0	-0.81	-0.81
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2268.9	3.77	0	78.12	0	-0.47	0	0	4.82	0	0	0	0	0	0	4.51	4.51
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1030.6	3.25	0	71.26	0	0.02	0	0	4.96	0	0	0	0	0	0	-20.19	-20.19
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1084.5	3.25	0	71.7	0	0.04	0	0	5.09	0	0	0	0	0	0	-20.78	-20.78
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1220.8	3.25	0	72.73	0	0.09	0	0	5.4	0	0	0	0	0	0	-22.17	-22.17
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1291	3.25	0	73.22	0	0.12	0	0	5.56	0	0	0	0	0	0	-22.84	-22.84
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1318.6	3.25	0	73.4	0	0.13	0	0	5.62	0	0	0	0	0	0	-23.09	-23.09
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1350	3.25	0	73.61	0	0.14	0	0	5.69	0	0	0	0	0	0	-23.38	-23.38
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1366.8	3.25	0	73.71	0	0.15	0	0	5.73	0	0	0	0	0	0	-23.53	-23.53
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1412.2	3.25	0	74	0	0.16	0	0	5.83	0	0	0	0	0	0	-23.93	-23.93
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1436	3.25	0	74.14	0	0.17	0	0	5.88	0	0	0	0	0	0	-24.14	-24.14
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1486.5	3.25	0	74.44	0	0.19	0	0	5.99	0	0	0	0	0	0	-24.57	-24.57
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1547.5	3.25	0	74.79	0	0.22	0	0	6.12	0	0	0	0	0	0	-25.07	-25.07
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1574.3	3.25	0	74.94	0	0.23	0	0	6.18	0	0	0	0	0	0	-25.29	-25.29
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1605.1	3.25	0	75.11	0	0.24	0	0	6.24	0	0	0	0	0	0	-25.53	-25.53
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1796.9	3.25	0	76.09	0	0.32	0	0	6.64	0	0	0	0	0	0	-26.99	-26.99
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1804.3	3.25	0	76.13	0	0.32	0	0	6.65	0	0	0	0	0	0	-27.04	-27.04
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1833.1	3.25	0	76.26	0	0.33	0	0	6.71	0	0	0	0	0	0	-27.25	-27.25
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1899.2	3.25	0	76.57	0	0.36	0	0	6.84	0	0	0	0	0	0	-27.72	-27.72
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1959	3.25	0	76.84	0	0.39	0	0	6.96	0	0	0	0	0	0	-28.13	-28.13
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1980.5	3.25	0	76.94	0	0.4	0	0	7.01	0	0	0	0	0	0	-28.28	-28.28
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2001.2	3.25	0	77.03	0	0.4	0	0	7.05	0	0	0	0	0	0	-28.42	-28.42
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2005.9	3.25	0	77.05	0	0.41	0	0	7.06	0	0	0	0	0	0	-28.45	-28.45
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2067.7	3.25	0	77.31	0	0.43	0	0	7.18	0	0	0	0	0	0	-28.86	-28.86
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	2161.8	3.25	0	77.7	0	0.47	0	0	7.36	0	0	0	0	0	0	-29.47	-29.47
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	2201.5	3.25	0	77.85	0	0.49	0	0	7.43	0	0	0	0	0	0	-29.72	-29.72
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2269.5	3.25	0	78.12	0	0.52	0	0	7.56	0	0	0	0	0	0	-30.14	-30.14
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2359.3	3.25	0	78.46	0	0.56	0	0	7.73	0	0	0	0	0	0	-30.68	-30.68
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	2394.4	3.25	0	78.58	0	0.57	0	0	7.8	0	0	0	0	0	0	-30.89	-30.89
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2430.8	3.25	0	78.71	0	0.59	0	0	7.86	0	0	0	0	0	0	-31.11	-31.11
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	2534.6	3.25	0	79.08	0	0.63	0	0	8.05	0	0	0	0	0	0	-31.7	-31.7
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2563.6	3.25	0	79.18	0	0.64	0	0	8.1	0	0	0	0	0	0	-31.87	-31.87
Value D/N: 0	0																								
Level D/N: 28.1525	28.1525																								

Receiver: Existing Noise Receptor
ID: R13
X: 521149
Y: 4881624
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1581.6	3.25	0	74.98	0	0	0	0	12.52	0	0	0	0	0	0	12.81	12.81
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1586.6	3.25	0	75.01	0	0	0	0	12.54	0	0	0	0	0	0	12.77	12.77
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1590.8	3.25	0	75.03	0	0	0	0	12.55	0	0	0	0	0	0	12.73	12.73
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1665.8	3.25	0	75.43	0	0.03	0	0	12.72	0	0	0	0	0	0	12.13	12.13
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1683.6	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	11.99	11.99
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1721.1	3.25	0	75.72	0	0.04	0	0	12.85	0	0	0	0	0	0	11.7	11.7
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1776.1	3.25	0	75.99	0	0.06	0	0	12.98	0	0	0	0	0	0	11.29	11.29
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1798.1	3.25	0	76.1	0	0.07	0	0	13.02	0	0	0	0	0	0	11.12	11.12
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1802	3.25	0	76.12	0	0.07	0	0	13.03	0	0	0	0	0	0	11.09	11.09
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1834.6	3.25	0	76.27	0	0.08	0	0	13.11	0	0	0	0	0	0	10.86	10.86
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1837.3	3.25	0	76.28	0	0.08	0	0	13.11	0	0	0	0	0	0	10.84	10.84

Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1896.2	3.25	0	76.56	0	0.1	0	0	13.24	0	0	0	0	0	0	10.42	10.42
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1918.3	3.25	0	76.66	0	0.11	0	0	13.29	0	0	0	0	0	0	10.26	10.26
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1933.9	3.25	0	76.73	0	0.11	0	0	13.32	0	0	0	0	0	0	10.15	10.15
Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1969.3	3.25	0	76.89	0	0.12	0	0	13.4	0	0	0	0	0	0	9.91	9.91
Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1996.7	3.25	0	77.01	0	0.13	0	0	13.45	0	0	0	0	0	0	9.72	9.72
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2036.5	3.25	0	77.18	0	0.14	0	0	13.54	0	0	0	0	0	0	9.46	9.46
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2046	3.25	0	77.22	0	0.14	0	0	13.56	0	0	0	0	0	0	9.39	9.39
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2046.1	3.25	0	77.22	0	0.14	0	0	13.56	0	0	0	0	0	0	9.39	9.39
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2057.1	3.25	0	77.26	0	0.15	0	0	13.58	0	0	0	0	0	0	9.32	9.32
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2064.5	3.25	0	77.3	0	0.15	0	0	13.6	0	0	0	0	0	0	9.27	9.27
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2076.7	3.25	0	77.35	0	0.15	0	0	13.62	0	0	0	0	0	0	9.19	9.19
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2115.8	3.25	0	77.51	0	0.16	0	0	13.7	0	0	0	0	0	0	8.94	8.94
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2136.4	3.25	0	77.59	0	0.17	0	0	13.74	0	0	0	0	0	0	8.81	8.81
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	2168.5	3.25	0	77.72	0	0.18	0	0	13.81	0	0	0	0	0	0	8.6	8.6
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2323.9	4.4	0	78.32	0	-0.76	0	0	4.9	0	0	0	0	0	0	18.31	18.31
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	2230.3	3.25	0	77.97	0	0.19	0	0	13.93	0	0	0	0	0	0	8.22	8.22
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2238.1	3.25	0	78	0	0.19	0	0	13.95	0	0	0	0	0	0	8.17	8.17
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	2264.4	3.25	0	78.1	0	0.2	0	0	14	0	0	0	0	0	0	8.01	8.01
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2330.9	3.25	0	78.35	0	0.22	0	0	14.13	0	0	0	0	0	0	7.61	7.61
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2333.8	3.5	0	78.36	0	3.29	0	0	1.92	0	0	0	0	0	0	13.06	13.06
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1507	3.25	0	74.56	0	1.18	0	0	8.41	0	0	0	0	0	0	1.1	1.1
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2337.7	3.77	0	78.38	0	-0.45	0	0	4.93	0	0	0	0	0	0	4.13	4.13
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1511.8	3.25	0	74.59	0	0.2	0	0	6.04	0	0	0	0	0	0	-24.78	-24.78
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1581.1	3.25	0	74.98	0	0.23	0	0	6.19	0	0	0	0	0	0	-25.34	-25.34
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1585.6	3.25	0	75	0	0.23	0	0	6.2	0	0	0	0	0	0	-25.38	-25.38
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1586.5	3.25	0	75.01	0	0.23	0	0	6.2	0	0	0	0	0	0	-25.39	-25.39
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1660	3.25	0	75.4	0	0.26	0	0	6.36	0	0	0	0	0	0	-25.96	-25.96
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1688.8	3.25	0	75.55	0	0.27	0	0	6.42	0	0	0	0	0	0	-26.18	-26.18
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1715.5	3.25	0	75.69	0	0.29	0	0	6.47	0	0	0	0	0	0	-26.39	-26.39
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1776	3.25	0	75.99	0	0.31	0	0	6.59	0	0	0	0	0	0	-26.84	-26.84
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1797.6	3.25	0	76.09	0	0.32	0	0	6.64	0	0	0	0	0	0	-26.99	-26.99
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1807.5	3.25	0	76.14	0	0.32	0	0	6.66	0	0	0	0	0	0	-27.07	-27.07
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1831.6	3.25	0	76.26	0	0.33	0	0	6.71	0	0	0	0	0	0	-27.24	-27.24
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1838.7	3.25	0	76.29	0	0.34	0	0	6.72	0	0	0	0	0	0	-27.29	-27.29
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1895.1	3.25	0	76.55	0	0.36	0	0	6.84	0	0	0	0	0	0	-27.69	-27.69
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1918.5	3.25	0	76.66	0	0.37	0	0	6.88	0	0	0	0	0	0	-27.85	-27.85
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1933.2	3.25	0	76.73	0	0.38	0	0	6.91	0	0	0	0	0	0	-27.95	-27.95
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1964.2	3.25	0	76.86	0	0.39	0	0	6.97	0	0	0	0	0	0	-28.17	-28.17
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1991.2	3.25	0	76.98	0	0.4	0	0	7.03	0	0	0	0	0	0	-28.35	-28.35
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2035.1	3.25	0	77.17	0	0.42	0	0	7.11	0	0	0	0	0	0	-28.64	-28.64
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2046	3.25	0	77.22	0	0.42	0	0	7.13	0	0	0	0	0	0	-28.72	-28.72
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2051.9	3.25	0	77.24	0	0.43	0	0	7.15	0	0	0	0	0	0	-28.76	-28.76
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2058.3	3.25	0	77.27	0	0.43	0	0	7.16	0	0	0	0	0	0	-28.8	-28.8
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2064	3.25	0	77.29	0	0.43	0	0	7.17	0	0	0	0	0	0	-28.84	-28.84
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2075.9	3.25	0	77.34	0	0.44	0	0	7.19	0	0	0	0	0	0	-28.91	-28.91
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2112.5	3.25	0	77.5	0	0.45	0	0	7.26	0	0	0	0	0	0	-29.15	-29.15
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2141.6	3.25	0	77.61	0	0.46	0	0	7.32	0	0	0	0	0	0	-29.34	-29.34
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	2162.8	3.25	0	77.7	0	0.47	0	0	7.36	0	0	0	0	0	0	-29.47	-29.47
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	2225.4	3.25	0	77.95	0	0.5	0	0	7.48	0	0	0	0	0	0	-29.87	-29.87
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2236.9	3.25	0	77.99	0	0.5	0	0	7.5	0	0	0	0	0	0	-29.94	-29.94
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2259.9	3.25	0	78.08	0	0.51	0	0	7.54	0	0	0	0	0	0	-30.08	-30.08
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2325.2	3.25	0	78.33	0	0.54	0	0	7.67	0	0	0	0	0	0	-30.48	-30.48
Value D/N:	0	0																								
Level D/N:	26.1267	26.1267																								

Receiver: Existing Noise Receptor
ID: R14
X: 518878
Y: 4881090

Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1009.1	3.25	0	71.08	0	-0.24	0	0	10.94	0	0	0	0	0	0	18.53	18.53
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1022.5	3.25	0	71.19	0	-0.24	0	0	10.98	0	0	0	0	0	0	18.37	18.37
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1035	3.25	0	71.3	0	-0.23	0	0	11.03	0	0	0	0	0	0	18.22	18.22
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1132.5	3.25	0	72.08	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.09	17.09
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1276.5	3.25	0	73.12	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.57	15.57
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1287.5	3.25	0	73.19	0	-0.12	0	0	11.77	0	0	0	0	0	0	15.46	15.46
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1322.6	3.25	0	73.43	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.12	15.12
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1363	3.25	0	73.69	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.73	14.73
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1444.5	3.25	0	74.19	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.99	13.99
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1454.8	3.25	0	74.26	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.9	13.9
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1500.6	3.25	0	74.53	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.49	13.49
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1604.1	3.25	0	75.1	0	0	0	0	12.58	0	0	0	0	0	0	12.63	12.63
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1627.5	3.25	0	75.23	0	0.01	0	0	12.63	0	0	0	0	0	0	12.44	12.44
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1686.4	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.97	11.97
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1809.5	3.25	0	76.15	0	0.07	0	0	13.05	0	0	0	0	0	0	11.04	11.04
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2244.1	4.4	0	78.02	0	-0.78	0	0	4.77	0	0	0	0	0	0	18.76	18.76
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2295.9	3.25	0	78.22	0	0.21	0	0	14.06	0	0	0	0	0	0	7.82	7.82
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2278.6	3.5	0	78.15	0	3.28	0	0	1.89	0	0	0	0	0	0	13.31	13.31
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1292.9	3.25	0	73.23	0	1.17	0	0	8.12	0	0	0	0	0	0	2.72	2.72
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2264.1	3.77	0	78.1	0	-0.47	0	0	4.81	0	0	0	0	0	0	4.54	4.54
	Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1009.6	3.25	0	71.08	0	0.02	0	0	4.91	0	0	0	0	0	0	-19.95	-19.95
	Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1025	3.25	0	71.21	0	0.02	0	0	4.95	0	0	0	0	0	0	-20.13	-20.13
	Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1033.4	3.25	0	71.29	0	0.02	0	0	4.97	0	0	0	0	0	0	-20.22	-20.22
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1136	3.25	0	72.11	0	0.06	0	0	5.21	0	0	0	0	0	0	-21.32	-21.32
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1276.8	3.25	0	73.12	0	0.11	0	0	5.53	0	0	0	0	0	0	-22.7	-22.7
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1288.3	3.25	0	73.2	0	0.12	0	0	5.55	0	0	0	0	0	0	-22.81	-22.81
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1289.7	3.25	0	73.21	0	0.12	0	0	5.56	0	0	0	0	0	0	-22.83	-22.83
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1325.6	3.25	0	73.45	0	0.13	0	0	5.64	0	0	0	0	0	0	-23.16	-23.16
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1364.8	3.25	0	73.7	0	0.15	0	0	5.72	0	0	0	0	0	0	-23.51	-23.51
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1441.9	3.25	0	74.18	0	0.18	0	0	5.89	0	0	0	0	0	0	-24.19	-24.19
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1457.8	3.25	0	74.27	0	0.18	0	0	5.93	0	0	0	0	0	0	-24.32	-24.32
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1501.4	3.25	0	74.53	0	0.2	0	0	6.02	0	0	0	0	0	0	-24.69	-24.69
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1601	3.25	0	75.09	0	0.24	0	0	6.23	0	0	0	0	0	0	-25.5	-25.5
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1626	3.25	0	75.22	0	0.25	0	0	6.28	0	0	0	0	0	0	-25.7	-25.7
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1688.5	3.25	0	75.55	0	0.27	0	0	6.42	0	0	0	0	0	0	-26.18	-26.18
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1807.3	3.25	0	76.14	0	0.32	0	0	6.66	0	0	0	0	0	0	-27.06	-27.06
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2297.8	3.25	0	78.23	0	0.53	0	0	7.62	0	0	0	0	0	0	-30.31	-30.31
Value D/N:	0	0																									
Level D/N:	28.0254	28.0254																									

Receiver: Existing Noise Receptor
ID: R15
X: 518724
Y: 4881336
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	797.57	3.25	0	69.04	0	-0.35	0	0	10.17	0	0	0	0	0	0	21.46	21.46
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	866.39	3.25	0	69.75	0	-0.31	0	0	10.44	0	0	0	0	0	0	20.43	20.43
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	910.39	3.25	0	70.18	0	-0.29	0	0	10.6	0	0	0	0	0	0	19.82	19.82
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1051.2	3.25	0	71.43	0	-0.22	0	0	11.08	0	0	0	0	0	0	18.02	18.02
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1054.5	3.25	0	71.46	0	-0.22	0	0	11.09	0	0	0	0	0	0	17.98	17.98
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1090.6	3.25	0	71.75	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.56	17.56
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1198.2	3.25	0	72.57	0	-0.15	0	0	11.52	0	0	0	0	0	0	16.38	16.38

Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1214.1	3.25	0	72.69	0	-0.15	0	0	11.57	0	0	0	0	0	0	16.21	16.21
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1293.1	3.25	0	73.23	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.41	15.41
Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1315.2	3.25	0	73.38	0	-0.11	0	0	11.85	0	0	0	0	0	0	15.19	15.19
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1365.8	3.25	0	73.71	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.71	14.71
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1443.1	3.25	0	74.19	0	-0.05	0	0	12.18	0	0	0	0	0	0	14	14
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1493	3.25	0	74.48	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.56	13.56
Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1528.9	3.25	0	74.69	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.25	13.25
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1674.6	3.25	0	75.48	0	0.03	0	0	12.74	0	0	0	0	0	0	12.06	12.06
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2060.5	4.4	0	77.28	0	-0.81	0	0	4.47	0	0	0	0	0	0	19.83	19.83
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2140.1	3.25	0	77.61	0	0.17	0	0	13.75	0	0	0	0	0	0	8.78	8.78
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2954.3	3.25	0	80.41	0	0.35	0	0	15.29	0	0	0	0	0	0	4.26	4.26
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2999.9	3.25	0	80.54	0	0.36	0	0	15.37	0	0	0	0	0	0	4.04	4.04
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2095.6	3.5	0	77.43	0	3.24	0	0	1.78	0	0	0	0	0	0	14.19	14.19
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1235.6	3.25	0	72.84	0	1.17	0	0	8.04	0	0	0	0	0	0	3.2	3.2
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2079.9	3.77	0	77.36	0	-0.51	0	0	4.5	0	0	0	0	0	0	5.62	5.62
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	799.12	3.25	0	69.05	0	-0.05	0	0	4.39	0	0	0	0	0	0	-17.33	-17.33
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	863.41	3.25	0	69.72	0	-0.03	0	0	4.56	0	0	0	0	0	0	-18.19	-18.19
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	914.25	3.25	0	70.22	0	-0.02	0	0	4.68	0	0	0	0	0	0	-18.83	-18.83
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1052.5	3.25	0	71.44	0	0.03	0	0	5.01	0	0	0	0	0	0	-20.43	-20.43
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1059.1	3.25	0	71.5	0	0.03	0	0	5.03	0	0	0	0	0	0	-20.5	-20.5
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1092.5	3.25	0	71.77	0	0.04	0	0	5.11	0	0	0	0	0	0	-20.86	-20.86
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1201.1	3.25	0	72.59	0	0.08	0	0	5.36	0	0	0	0	0	0	-21.98	-21.98
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1218.2	3.25	0	72.71	0	0.09	0	0	5.4	0	0	0	0	0	0	-22.14	-22.14
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1231.6	3.25	0	72.81	0	0.1	0	0	5.43	0	0	0	0	0	0	-22.27	-22.27
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1294.5	3.25	0	73.24	0	0.12	0	0	5.57	0	0	0	0	0	0	-22.87	-22.87
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1311.6	3.25	0	73.36	0	0.13	0	0	5.61	0	0	0	0	0	0	-23.03	-23.03
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1369.7	3.25	0	73.73	0	0.15	0	0	5.74	0	0	0	0	0	0	-23.56	-23.56
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1440.8	3.25	0	74.17	0	0.18	0	0	5.89	0	0	0	0	0	0	-24.18	-24.18
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1489.1	3.25	0	74.46	0	0.19	0	0	5.99	0	0	0	0	0	0	-24.59	-24.59
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1531.8	3.25	0	74.7	0	0.21	0	0	6.09	0	0	0	0	0	0	-24.94	-24.94
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1671.7	3.25	0	75.46	0	0.27	0	0	6.38	0	0	0	0	0	0	-26.05	-26.05
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2142.5	3.25	0	77.62	0	0.46	0	0	7.32	0	0	0	0	0	0	-29.34	-29.34
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2958.9	3.25	0	80.42	0	0.81	0	0	8.8	0	0	0	0	0	0	-33.97	-33.97
Value D/N: 0	0																								
Level D/N: 29.7231	29.7231																								

Receiver: Existing Noise Receptor
ID: R16
X: 519058
Y: 4881746
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	354.81	3.25	0	62	0	-0.64	0	0	7.11	0	0	0	0	0	0	31.84	31.84
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	360.18	3.25	0	62.13	0	-0.64	0	0	7.18	0	0	0	0	0	0	31.64	31.64
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	385.06	3.25	0	62.71	0	-0.63	0	0	7.46	0	0	0	0	0	0	30.77	30.77
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	543.77	3.25	0	65.71	0	-0.52	0	0	8.84	0	0	0	0	0	0	26.28	26.28
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	612.84	3.25	0	66.75	0	-0.47	0	0	9.28	0	0	0	0	0	0	24.76	24.76
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	630.34	3.25	0	66.99	0	-0.46	0	0	9.38	0	0	0	0	0	0	24.4	24.4
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	684.36	3.25	0	67.71	0	-0.42	0	0	9.66	0	0	0	0	0	0	23.37	23.37
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	686.62	3.25	0	67.73	0	-0.42	0	0	9.67	0	0	0	0	0	0	23.33	23.33
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	787	3.25	0	68.92	0	-0.36	0	0	10.13	0	0	0	0	0	0	21.62	21.62
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	829.79	3.25	0	69.38	0	-0.33	0	0	10.3	0	0	0	0	0	0	20.97	20.97
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	842.78	3.25	0	69.51	0	-0.33	0	0	10.35	0	0	0	0	0	0	20.77	20.77
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	947.36	3.25	0	70.53	0	-0.27	0	0	10.73	0	0	0	0	0	0	19.32	19.32
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	964.43	3.25	0	70.69	0	-0.26	0	0	10.79	0	0	0	0	0	0	19.1	19.1
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1011.3	3.25	0	71.1	0	-0.24	0	0	10.95	0	0	0	0	0	0	18.51	18.51
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1148.2	3.25	0	72.2	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.91	16.91

Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1563.9	4.4	0	74.88	0	-0.87	0	0	3.6	0	0	0	0	0	0	23.16	23.16
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1622.9	3.25	0	75.21	0	0.01	0	0	12.62	0	0	0	0	0	0	12.47	12.47
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2438.8	3.25	0	78.74	0	0.24	0	0	14.34	0	0	0	0	0	0	6.98	6.98
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1598.4	3.5	0	75.07	0	3.13	0	0	1.47	0	0	0	0	0	0	16.95	16.95
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2473.5	3.25	0	78.87	0	0.25	0	0	14.41	0	0	0	0	0	0	6.79	6.79
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2553.1	3.25	0	79.14	0	0.27	0	0	14.56	0	0	0	0	0	0	6.34	6.34
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2589.6	3.25	0	79.26	0	0.28	0	0	14.63	0	0	0	0	0	0	6.14	6.14
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2590.8	3.25	0	79.27	0	0.28	0	0	14.63	0	0	0	0	0	0	6.14	6.14
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2679.4	3.25	0	79.56	0	0.3	0	0	14.79	0	0	0	0	0	0	5.66	5.66
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2714	3.25	0	79.67	0	0.3	0	0	14.86	0	0	0	0	0	0	5.48	5.48
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2783.8	3.25	0	79.89	0	0.32	0	0	14.98	0	0	0	0	0	0	5.12	5.12
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2839.3	3.25	0	80.06	0	0.33	0	0	15.09	0	0	0	0	0	0	4.83	4.83
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2946.7	3.25	0	80.39	0	0.35	0	0	15.28	0	0	0	0	0	0	4.3	4.3
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	733.45	3.25	0	68.31	0	1.03	0	0	7.21	0	0	0	0	0	0	8.7	8.7
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1583.9	3.77	0	74.99	0	-0.61	0	0	3.64	0	0	0	0	0	0	8.95	8.95
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	353.2	3.25	0	61.96	0	-0.1	0	0	3.02	0	0	0	0	0	0	-8.82	-8.82
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	358.98	3.25	0	62.1	0	-0.1	0	0	3.04	0	0	0	0	0	0	-8.98	-8.98
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	389.34	3.25	0	62.81	0	-0.11	0	0	3.17	0	0	0	0	0	0	-9.8	-9.8
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	548.99	3.25	0	65.79	0	-0.11	0	0	3.7	0	0	0	0	0	0	-13.33	-13.33
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	613.11	3.25	0	66.75	0	-0.1	0	0	3.89	0	0	0	0	0	0	-14.48	-14.48
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	629.23	3.25	0	66.98	0	-0.1	0	0	3.94	0	0	0	0	0	0	-14.76	-14.76
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	686.53	3.25	0	67.73	0	-0.08	0	0	4.1	0	0	0	0	0	0	-15.69	-15.69
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	690.85	3.25	0	67.79	0	-0.08	0	0	4.11	0	0	0	0	0	0	-15.75	-15.75
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	728.99	3.25	0	68.25	0	-0.07	0	0	4.21	0	0	0	0	0	0	-16.33	-16.33
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	783.52	3.25	0	68.88	0	-0.06	0	0	4.35	0	0	0	0	0	0	-17.12	-17.12
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	830.02	3.25	0	69.38	0	-0.04	0	0	4.47	0	0	0	0	0	0	-17.75	-17.75
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	846.95	3.25	0	69.56	0	-0.04	0	0	4.51	0	0	0	0	0	0	-17.97	-17.97
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	945.94	3.25	0	70.52	0	-0.01	0	0	4.76	0	0	0	0	0	0	-19.21	-19.21
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	960.48	3.25	0	70.65	0	0	0	0	4.79	0	0	0	0	0	0	-19.38	-19.38
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1013.9	3.25	0	71.12	0	0.02	0	0	4.92	0	0	0	0	0	0	-20	-20
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1145.6	3.25	0	72.18	0	0.06	0	0	5.23	0	0	0	0	0	0	-21.42	-21.42
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1625	3.25	0	75.22	0	0.25	0	0	6.28	0	0	0	0	0	0	-25.69	-25.69
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2443.7	3.25	0	78.76	0	0.59	0	0	7.89	0	0	0	0	0	0	-31.18	-31.18
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2477.7	3.25	0	78.88	0	0.61	0	0	7.95	0	0	0	0	0	0	-31.38	-31.38
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2556.9	3.25	0	79.15	0	0.64	0	0	8.09	0	0	0	0	0	0	-31.83	-31.83
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2585.4	3.25	0	79.25	0	0.65	0	0	8.14	0	0	0	0	0	0	-31.99	-31.99
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2594.1	3.25	0	79.28	0	0.66	0	0	8.16	0	0	0	0	0	0	-32.04	-32.04
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2674.7	3.25	0	79.55	0	0.69	0	0	8.3	0	0	0	0	0	0	-32.48	-32.48
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2717.5	3.25	0	79.68	0	0.71	0	0	8.38	0	0	0	0	0	0	-32.71	-32.71
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2788.4	3.25	0	79.91	0	0.74	0	0	8.5	0	0	0	0	0	0	-33.09	-33.09
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2834.9	3.25	0	80.05	0	0.76	0	0	8.58	0	0	0	0	0	0	-33.34	-33.34
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2942	3.25	0	80.37	0	0.81	0	0	8.77	0	0	0	0	0	0	-33.89	-33.89

Value D/N: 0 0

Level D/N: 38.2066 38.2066

Receiver: Existing Noise Receptor
ID: R17
X: 518588
Y: 4882002
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	392.19	3.25	0	62.87	0	-0.62	0	0	7.54	0	0	0	0	0	0	30.53	30.53
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	504.95	3.25	0	65.06	0	-0.55	0	0	8.56	0	0	0	0	0	0	27.23	27.23
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	574.33	3.25	0	66.18	0	-0.5	0	0	9.05	0	0	0	0	0	0	25.58	25.58
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	629.55	3.25	0	66.98	0	-0.46	0	0	9.37	0	0	0	0	0	0	24.42	24.42
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	762.02	3.25	0	68.64	0	-0.37	0	0	10.02	0	0	0	0	0	0	22.03	22.03
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	764.44	3.25	0	68.67	0	-0.37	0	0	10.03	0	0	0	0	0	0	21.99	21.99

Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	811.12	3.25	0	69.18	0	-0.35	0	0	10.23	0	0	0	0	0	0	21.25	21.25
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	942.11	3.25	0	70.48	0	-0.28	0	0	10.71	0	0	0	0	0	0	19.39	19.39
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	961.93	3.25	0	70.66	0	-0.27	0	0	10.78	0	0	0	0	0	0	19.13	19.13
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	980.1	3.25	0	70.83	0	-0.26	0	0	10.84	0	0	0	0	0	0	18.9	18.9
Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1004.3	3.25	0	71.04	0	-0.24	0	0	10.93	0	0	0	0	0	0	18.59	18.59
Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1110.4	3.25	0	71.91	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.34	17.34
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1151.5	3.25	0	72.22	0	-0.18	0	0	11.38	0	0	0	0	0	0	16.88	16.88
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1201.3	3.25	0	72.59	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.34	16.34
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1299.1	3.25	0	73.27	0	-0.11	0	0	11.8	0	0	0	0	0	0	15.35	15.35
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1538.4	4.4	0	74.74	0	-0.88	0	0	3.55	0	0	0	0	0	0	23.36	23.36
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1679.7	3.25	0	75.5	0	0.03	0	0	12.76	0	0	0	0	0	0	12.02	12.02
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1573.5	3.5	0	74.94	0	3.13	0	0	1.45	0	0	0	0	0	0	17.11	17.11
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2675.9	3.25	0	79.55	0	0.3	0	0	14.79	0	0	0	0	0	0	5.68	5.68
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2707.5	3.25	0	79.65	0	0.3	0	0	14.85	0	0	0	0	0	0	5.51	5.51
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2764.8	3.25	0	79.83	0	0.31	0	0	14.95	0	0	0	0	0	0	5.21	5.21
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2786.8	3.25	0	79.9	0	0.32	0	0	14.99	0	0	0	0	0	0	5.1	5.1
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2872.4	3.25	0	80.16	0	0.34	0	0	15.14	0	0	0	0	0	0	4.67	4.67
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2907.2	3.25	0	80.27	0	0.34	0	0	15.21	0	0	0	0	0	0	4.49	4.49
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2932.7	3.25	0	80.35	0	0.35	0	0	15.25	0	0	0	0	0	0	4.37	4.37
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1126.6	3.25	0	72.04	0	1.15	0	0	7.88	0	0	0	0	0	0	4.17	4.17
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1555.6	3.77	0	74.84	0	-0.61	0	0	3.59	0	0	0	0	0	0	9.17	9.17
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	397.05	3.25	0	62.98	0	-0.11	0	0	3.19	0	0	0	0	0	0	-10	-10
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	509.14	3.25	0	65.14	0	-0.12	0	0	3.58	0	0	0	0	0	0	-12.54	-12.54
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	568.4	3.25	0	66.09	0	-0.11	0	0	3.76	0	0	0	0	0	0	-13.69	-13.69
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	634.34	3.25	0	67.05	0	-0.1	0	0	3.95	0	0	0	0	0	0	-14.84	-14.84
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	767.75	3.25	0	68.7	0	-0.06	0	0	4.31	0	0	0	0	0	0	-16.9	-16.9
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	767.76	3.25	0	68.7	0	-0.06	0	0	4.31	0	0	0	0	0	0	-16.9	-16.9
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	816.42	3.25	0	69.24	0	-0.05	0	0	4.44	0	0	0	0	0	0	-17.57	-17.57
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	948.11	3.25	0	70.54	0	-0.01	0	0	4.76	0	0	0	0	0	0	-19.24	-19.24
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	957.6	3.25	0	70.62	0	0	0	0	4.79	0	0	0	0	0	0	-19.35	-19.35
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	985.93	3.25	0	70.88	0	0.01	0	0	4.86	0	0	0	0	0	0	-19.68	-19.68
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	998.77	3.25	0	70.99	0	0.01	0	0	4.89	0	0	0	0	0	0	-19.83	-19.83
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1115.2	3.25	0	71.95	0	0.05	0	0	5.16	0	0	0	0	0	0	-21.1	-21.1
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1121.6	3.25	0	72	0	0.05	0	0	5.18	0	0	0	0	0	0	-21.17	-21.17
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1156.9	3.25	0	72.27	0	0.07	0	0	5.26	0	0	0	0	0	0	-21.53	-21.53
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1195.8	3.25	0	72.55	0	0.08	0	0	5.35	0	0	0	0	0	0	-21.92	-21.92
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1295	3.25	0	73.25	0	0.12	0	0	5.57	0	0	0	0	0	0	-22.88	-22.88
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1683.2	3.25	0	75.52	0	0.27	0	0	6.4	0	0	0	0	0	0	-26.14	-26.14
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2680.9	3.25	0	79.57	0	0.69	0	0	8.31	0	0	0	0	0	0	-32.52	-32.52
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2712.9	3.25	0	79.67	0	0.71	0	0	8.37	0	0	0	0	0	0	-32.69	-32.69
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2768.8	3.25	0	79.85	0	0.73	0	0	8.47	0	0	0	0	0	0	-32.99	-32.99
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2791.1	3.25	0	79.92	0	0.74	0	0	8.51	0	0	0	0	0	0	-33.11	-33.11
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2867.8	3.25	0	80.15	0	0.77	0	0	8.64	0	0	0	0	0	0	-33.51	-33.51
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2911.2	3.25	0	80.28	0	0.79	0	0	8.72	0	0	0	0	0	0	-33.73	-33.73
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2927.4	3.25	0	80.33	0	0.8	0	0	8.74	0	0	0	0	0	0	-33.81	-33.81
Value D/N: 0	0																								
Level D/N: 35.5175	35.5175																								

Receiver: Existing Noise Receptor
ID: R18
X: 518661
Y: 4882773
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	476.13	3.25	0	64.55	0	-0.57	0	0	8.33	0	0	0	0	0	0	27.99	27.99
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	493.71	3.25	0	64.87	0	-0.56	0	0	8.48	0	0	0	0	0	0	27.52	27.52
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	610.82	3.25	0	66.72	0	-0.47	0	0	9.27	0	0	0	0	0	0	24.8	24.8

Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	632.13	3.25	0	67.02	0	-0.46	0	0	9.39	0	0	0	0	0	0	24.36	24.36
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	744.68	3.25	0	68.44	0	-0.38	0	0	9.94	0	0	0	0	0	0	22.31	22.31
Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	750.14	3.25	0	68.5	0	-0.38	0	0	9.97	0	0	0	0	0	0	22.22	22.22
Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	823.98	3.25	0	69.32	0	-0.34	0	0	10.28	0	0	0	0	0	0	21.05	21.05
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	845.95	3.25	0	69.55	0	-0.33	0	0	10.36	0	0	0	0	0	0	20.73	20.73
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	954.66	4.4	0	70.6	0	-0.9	0	0	2.43	0	0	0	0	0	0	28.66	28.66
Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	938.51	3.25	0	70.45	0	-0.28	0	0	10.7	0	0	0	0	0	0	19.44	19.44
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1014.7	3.25	0	71.13	0	-0.24	0	0	10.96	0	0	0	0	0	0	18.47	18.47
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1030.6	3.25	0	71.26	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.27	18.27
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1037.7	3.25	0	71.32	0	-0.23	0	0	11.03	0	0	0	0	0	0	18.18	18.18
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1076.2	3.25	0	71.64	0	-0.21	0	0	11.16	0	0	0	0	0	0	17.73	17.73
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1149.7	3.25	0	72.21	0	-0.18	0	0	11.38	0	0	0	0	0	0	16.9	16.9
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1152.5	3.25	0	72.23	0	-0.18	0	0	11.39	0	0	0	0	0	0	16.87	16.87
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1176.4	3.25	0	72.41	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.61	16.61
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	984.98	3.5	0	70.87	0	2.9	0	0	1.07	0	0	0	0	0	0	21.79	21.79
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2267.4	3.25	0	78.11	0	0.2	0	0	14.01	0	0	0	0	0	0	7.99	7.99
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2313	3.25	0	78.28	0	0.21	0	0	14.1	0	0	0	0	0	0	7.72	7.72
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2393.4	3.25	0	78.58	0	0.23	0	0	14.25	0	0	0	0	0	0	7.25	7.25
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2415.9	3.25	0	78.66	0	0.24	0	0	14.3	0	0	0	0	0	0	7.12	7.12
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2473.3	3.25	0	78.87	0	0.25	0	0	14.41	0	0	0	0	0	0	6.79	6.79
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2570.4	3.25	0	79.2	0	0.27	0	0	14.59	0	0	0	0	0	0	6.25	6.25
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2582.3	3.25	0	79.24	0	0.28	0	0	14.61	0	0	0	0	0	0	6.18	6.18
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2638.6	3.25	0	79.43	0	0.29	0	0	14.72	0	0	0	0	0	0	5.88	5.88
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2641.9	3.25	0	79.44	0	0.29	0	0	14.72	0	0	0	0	0	0	5.86	5.86
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2839	3.25	0	80.06	0	0.33	0	0	15.08	0	0	0	0	0	0	4.83	4.83
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	965.79	3.77	0	70.7	0	-0.69	0	0	2.45	0	0	0	0	0	0	14.52	14.52
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1260	3.25	0	73.01	0	1.17	0	0	8.08	0	0	0	0	0	0	2.99	2.99
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	480.68	3.25	0	64.64	0	-0.12	0	0	3.49	0	0	0	0	0	0	-11.95	-11.95
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	497.12	3.25	0	64.93	0	-0.12	0	0	3.54	0	0	0	0	0	0	-12.3	-12.3
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	615.35	3.25	0	66.78	0	-0.1	0	0	3.9	0	0	0	0	0	0	-14.52	-14.52
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	626.21	3.25	0	66.93	0	-0.1	0	0	3.93	0	0	0	0	0	0	-14.71	-14.71
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	746.77	3.25	0	68.46	0	-0.07	0	0	4.26	0	0	0	0	0	0	-16.59	-16.59
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	755.28	3.25	0	68.56	0	-0.07	0	0	4.28	0	0	0	0	0	0	-16.72	-16.72
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	829.93	3.25	0	69.38	0	-0.04	0	0	4.47	0	0	0	0	0	0	-17.75	-17.75
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	842.45	3.25	0	69.51	0	-0.04	0	0	4.5	0	0	0	0	0	0	-17.92	-17.92
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	933.05	3.25	0	70.4	0	-0.01	0	0	4.73	0	0	0	0	0	0	-19.06	-19.06
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1009.7	3.25	0	71.08	0	0.02	0	0	4.91	0	0	0	0	0	0	-19.95	-19.95
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1035.7	3.25	0	71.3	0	0.02	0	0	4.97	0	0	0	0	0	0	-20.24	-20.24
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1041.6	3.25	0	71.35	0	0.03	0	0	4.99	0	0	0	0	0	0	-20.31	-20.31
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1070.5	3.25	0	71.59	0	0.04	0	0	5.06	0	0	0	0	0	0	-20.63	-20.63
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1154.9	3.25	0	72.25	0	0.07	0	0	5.25	0	0	0	0	0	0	-21.51	-21.51
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1157	3.25	0	72.27	0	0.07	0	0	5.26	0	0	0	0	0	0	-21.53	-21.53
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1181	3.25	0	72.45	0	0.08	0	0	5.31	0	0	0	0	0	0	-21.78	-21.78
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1255.9	3.25	0	72.98	0	0.1	0	0	5.48	0	0	0	0	0	0	-22.51	-22.51
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2273.1	3.25	0	78.13	0	0.52	0	0	7.57	0	0	0	0	0	0	-30.16	-30.16
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2317.6	3.25	0	78.3	0	0.54	0	0	7.65	0	0	0	0	0	0	-30.43	-30.43
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2399.3	3.25	0	78.6	0	0.57	0	0	7.8	0	0	0	0	0	0	-30.92	-30.92
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2420.7	3.25	0	78.68	0	0.58	0	0	7.84	0	0	0	0	0	0	-31.05	-31.05
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2478	3.25	0	78.88	0	0.61	0	0	7.95	0	0	0	0	0	0	-31.38	-31.38
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2565.5	3.25	0	79.18	0	0.64	0	0	8.11	0	0	0	0	0	0	-31.88	-31.88
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2576.5	3.25	0	79.22	0	0.65	0	0	8.13	0	0	0	0	0	0	-31.94	-31.94
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2636.3	3.25	0	79.42	0	0.67	0	0	8.24	0	0	0	0	0	0	-32.27	-32.27
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2644.3	3.25	0	79.45	0	0.68	0	0	8.25	0	0	0	0	0	0	-32.32	-32.32
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2833.4	3.25	0	80.05	0	0.76	0	0	8.58	0	0	0	0	0	0	-33.33	-33.33
Value D/N: 0	0																									
Level D/N: 35.8078	35.8078																									

Receiver: Existing Noise Receptor
ID: R19

X: 518410
Y: 4882883
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	740.39	3.25	0	68.39	0	-0.39	0	0	9.93	0	0	0	0	0	0	22.38	22.38
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	750.15	3.25	0	68.5	0	-0.38	0	0	9.97	0	0	0	0	0	0	22.22	22.22
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	874.18	3.25	0	69.83	0	-0.31	0	0	10.47	0	0	0	0	0	0	20.32	20.32
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	900.54	3.25	0	70.09	0	-0.3	0	0	10.57	0	0	0	0	0	0	19.95	19.95
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	966.14	3.25	0	70.7	0	-0.26	0	0	10.8	0	0	0	0	0	0	19.08	19.08
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1022.5	3.25	0	71.19	0	-0.24	0	0	10.98	0	0	0	0	0	0	18.37	18.37
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1138.8	4.4	0	72.13	0	-0.9	0	0	2.8	0	0	0	0	0	0	26.75	26.75
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1089.8	3.25	0	71.75	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.57	17.57
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1090.9	3.25	0	71.76	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.56	17.56
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1212.5	3.25	0	72.67	0	-0.15	0	0	11.56	0	0	0	0	0	0	16.23	16.23
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1275.1	3.25	0	73.11	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.59	15.59
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1291.7	3.25	0	73.22	0	-0.12	0	0	11.78	0	0	0	0	0	0	15.42	15.42
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1302.6	3.25	0	73.3	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.31	15.31
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1348.5	3.25	0	73.6	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.87	14.87
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1382	3.25	0	73.81	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.56	14.56
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1416.4	3.25	0	74.02	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.24	14.24
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1423.7	3.25	0	74.07	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.17	14.17
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1165.1	3.5	0	72.33	0	3.01	0	0	1.19	0	0	0	0	0	0	20.11	20.11
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2477.5	3.25	0	78.88	0	0.25	0	0	14.42	0	0	0	0	0	0	6.76	6.76
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2509.6	3.25	0	78.99	0	0.26	0	0	14.48	0	0	0	0	0	0	6.58	6.58
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2625.2	3.25	0	79.38	0	0.29	0	0	14.69	0	0	0	0	0	0	5.95	5.95
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2634.3	3.25	0	79.41	0	0.29	0	0	14.71	0	0	0	0	0	0	5.9	5.9
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2673.6	3.25	0	79.54	0	0.3	0	0	14.78	0	0	0	0	0	0	5.69	5.69
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2803.1	3.25	0	79.95	0	0.32	0	0	15.02	0	0	0	0	0	0	5.02	5.02
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2804.1	3.25	0	79.96	0	0.32	0	0	15.02	0	0	0	0	0	0	5.01	5.01
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2846.9	3.25	0	80.09	0	0.33	0	0	15.1	0	0	0	0	0	0	4.79	4.79
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2852.2	3.25	0	80.1	0	0.33	0	0	15.11	0	0	0	0	0	0	4.77	4.77
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1146.4	3.77	0	72.19	0	-0.67	0	0	2.81	0	0	0	0	0	0	12.65	12.65
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1530.8	3.25	0	74.7	0	1.18	0	0	8.44	0	0	0	0	0	0	0.93	0.93
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	744.68	3.25	0	68.44	0	-0.07	0	0	4.25	0	0	0	0	0	0	-16.56	-16.56
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	754.71	3.25	0	68.56	0	-0.07	0	0	4.28	0	0	0	0	0	0	-16.71	-16.71
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	879.08	3.25	0	69.88	0	-0.03	0	0	4.59	0	0	0	0	0	0	-18.39	-18.39
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	894.72	3.25	0	70.03	0	-0.02	0	0	4.63	0	0	0	0	0	0	-18.59	-18.59
	Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	969.04	3.25	0	70.73	0	0	0	0	4.81	0	0	0	0	0	0	-19.48	-19.48
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1027.7	3.25	0	71.24	0	0.02	0	0	4.96	0	0	0	0	0	0	-20.16	-20.16
	Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1086.8	3.25	0	71.72	0	0.04	0	0	5.09	0	0	0	0	0	0	-20.8	-20.8
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1095.7	3.25	0	71.79	0	0.05	0	0	5.12	0	0	0	0	0	0	-20.9	-20.9
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1207.1	3.25	0	72.63	0	0.09	0	0	5.37	0	0	0	0	0	0	-22.03	-22.03
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1270.2	3.25	0	73.08	0	0.11	0	0	5.51	0	0	0	0	0	0	-22.64	-22.64
	Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1296	3.25	0	73.25	0	0.12	0	0	5.57	0	0	0	0	0	0	-22.89	-22.89
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1307.8	3.25	0	73.33	0	0.12	0	0	5.6	0	0	0	0	0	0	-22.99	-22.99
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1342.8	3.25	0	73.56	0	0.14	0	0	5.68	0	0	0	0	0	0	-23.31	-23.31
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1386.8	3.25	0	73.84	0	0.15	0	0	5.77	0	0	0	0	0	0	-23.71	-23.71
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1421.1	3.25	0	74.05	0	0.17	0	0	5.85	0	0	0	0	0	0	-24.01	-24.01
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1428.9	3.25	0	74.1	0	0.17	0	0	5.86	0	0	0	0	0	0	-24.08	-24.08
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1526.5	3.25	0	74.67	0	0.21	0	0	6.07	0	0	0	0	0	0	-24.9	-24.9
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2483.3	3.25	0	78.9	0	0.61	0	0	7.96	0	0	0	0	0	0	-31.41	-31.41
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2514.3	3.25	0	79.01	0	0.62	0	0	8.02	0	0	0	0	0	0	-31.59	-31.59
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2631.2	3.25	0	79.4	0	0.67	0	0	8.23	0	0	0	0	0	0	-32.24	-32.24
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2639.2	3.25	0	79.43	0	0.68	0	0	8.24	0	0	0	0	0	0	-32.29	-32.29
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2678.3	3.25	0	79.56	0	0.69	0	0	8.31	0	0	0	0	0	0	-32.5	-32.5
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2798.2	3.25	0	79.94	0	0.74	0	0	8.52	0	0	0	0	0	0	-33.14	-33.14
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2798.2	3.25	0	79.94	0	0.74	0	0	8.52	0	0	0	0	0	0	-33.14	-33.14

	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2841.2	3.25	0	80.07	0	0.76	0	0	8.6	0	0	0	0	0	0	-33.37	-33.37
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2858	3.25	0	80.12	0	0.77	0	0	8.62	0	0	0	0	0	0	-33.46	-33.46
Value D/N:	0	0																									
Level D/N:	32.2998	32.2998																									

Receiver: Existing Noise Receptor
ID: R20
X: 520335
Y: 4882026
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	683.83	3.25	0	67.7	0	-0.42	0	0	9.66	0	0	0	0	0	0	23.38	23.38
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	780.33	3.25	0	68.85	0	-0.36	0	0	10.1	0	0	0	0	0	0	21.73	21.73
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	805.07	3.25	0	69.12	0	-0.35	0	0	10.2	0	0	0	0	0	0	21.34	21.34
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	822.02	3.25	0	69.3	0	-0.34	0	0	10.27	0	0	0	0	0	0	21.08	21.08
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	894.63	3.25	0	70.03	0	-0.3	0	0	10.55	0	0	0	0	0	0	20.03	20.03
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	954.8	3.25	0	70.6	0	-0.27	0	0	10.76	0	0	0	0	0	0	19.22	19.22
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	985.43	3.25	0	70.87	0	-0.25	0	0	10.86	0	0	0	0	0	0	18.83	18.83
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1069.6	3.25	0	71.58	0	-0.21	0	0	11.13	0	0	0	0	0	0	17.81	17.81
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1092.7	3.25	0	71.77	0	-0.2	0	0	11.21	0	0	0	0	0	0	17.54	17.54
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1180.6	3.25	0	72.44	0	-0.16	0	0	11.47	0	0	0	0	0	0	16.56	16.56
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1230.5	3.25	0	72.8	0	-0.14	0	0	11.61	0	0	0	0	0	0	16.04	16.04
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1270.8	3.25	0	73.08	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.63	15.63
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1322.5	3.25	0	73.43	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.12	15.12
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1357	3.25	0	73.65	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.79	14.79
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1357.2	3.25	0	73.65	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.79	14.79
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1367.7	3.25	0	73.72	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.69	14.69
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1488	4.4	0	74.45	0	-0.88	0	0	3.46	0	0	0	0	0	0	23.74	23.74
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1436.6	3.25	0	74.15	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.06	14.06
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1462.8	3.25	0	74.3	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.82	13.82
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1535.7	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.19	13.19
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1539.8	3.25	0	74.75	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.16	13.16
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1605.8	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.61	12.61
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1706.6	3.25	0	75.64	0	0.04	0	0	12.82	0	0	0	0	0	0	11.81	11.81
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1738	3.25	0	75.8	0	0.05	0	0	12.89	0	0	0	0	0	0	11.57	11.57
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1768.9	3.25	0	75.95	0	0.06	0	0	12.96	0	0	0	0	0	0	11.34	11.34
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1833.2	3.25	0	76.26	0	0.08	0	0	13.1	0	0	0	0	0	0	10.87	10.87
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1849.5	3.25	0	76.34	0	0.08	0	0	13.14	0	0	0	0	0	0	10.75	10.75
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2025	3.25	0	77.13	0	0.14	0	0	13.51	0	0	0	0	0	0	9.53	9.53
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2078.5	3.25	0	77.35	0	0.15	0	0	13.63	0	0	0	0	0	0	9.18	9.18
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2237.9	3.25	0	78	0	0.19	0	0	13.95	0	0	0	0	0	0	8.17	8.17
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1504.2	3.5	0	74.55	0	3.11	0	0	1.41	0	0	0	0	0	0	17.56	17.56
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	625.17	3.25	0	66.92	0	0.96	0	0	6.95	0	0	0	0	0	0	10.42	10.42
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1504.4	3.77	0	74.55	0	-0.62	0	0	3.49	0	0	0	0	0	0	9.56	9.56
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	630.15	3.25	0	66.99	0	-0.1	0	0	3.94	0	0	0	0	0	0	-14.77	-14.77
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	678.5	3.25	0	67.63	0	-0.09	0	0	4.08	0	0	0	0	0	0	-15.56	-15.56
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	785.26	3.25	0	68.9	0	-0.06	0	0	4.36	0	0	0	0	0	0	-17.14	-17.14
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	799.07	3.25	0	69.05	0	-0.05	0	0	4.39	0	0	0	0	0	0	-17.33	-17.33
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	816.22	3.25	0	69.24	0	-0.05	0	0	4.44	0	0	0	0	0	0	-17.57	-17.57
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	900.13	3.25	0	70.09	0	-0.02	0	0	4.65	0	0	0	0	0	0	-18.65	-18.65
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	958.27	3.25	0	70.63	0	0	0	0	4.79	0	0	0	0	0	0	-19.36	-19.36
	Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	979.71	3.25	0	70.82	0	0.01	0	0	4.84	0	0	0	0	0	0	-19.61	-19.61
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1064.8	3.25	0	71.55	0	0.03	0	0	5.04	0	0	0	0	0	0	-20.56	-20.56
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1087	3.25	0	71.72	0	0.04	0	0	5.09	0	0	0	0	0	0	-20.8	-20.8
	Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1186.6	3.25	0	72.49	0	0.08	0	0	5.32	0	0	0	0	0	0	-21.83	-21.83
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1235.7	3.25	0	72.84	0	0.1	0	0	5.44	0	0	0	0	0	0	-22.31	-22.31
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1265	3.25	0	73.04	0	0.11	0	0	5.5	0	0	0	0	0	0	-22.59	-22.59

Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1320.3	3.25	0	73.41	0	0.13	0	0	5.63	0	0	0	0	0	0	-23.11	-23.11
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1352.4	3.25	0	73.62	0	0.14	0	0	5.7	0	0	0	0	0	0	-23.4	-23.4
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1360.2	3.25	0	73.67	0	0.14	0	0	5.71	0	0	0	0	0	0	-23.47	-23.47
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1362.8	3.25	0	73.69	0	0.15	0	0	5.72	0	0	0	0	0	0	-23.49	-23.49
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1430.7	3.25	0	74.11	0	0.17	0	0	5.87	0	0	0	0	0	0	-24.09	-24.09
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1459.9	3.25	0	74.29	0	0.18	0	0	5.93	0	0	0	0	0	0	-24.34	-24.34
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1537.8	3.25	0	74.74	0	0.21	0	0	6.1	0	0	0	0	0	0	-24.99	-24.99
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1541.6	3.25	0	74.76	0	0.22	0	0	6.11	0	0	0	0	0	0	-25.02	-25.02
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1602.7	3.25	0	75.1	0	0.24	0	0	6.24	0	0	0	0	0	0	-25.51	-25.51
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1708	3.25	0	75.65	0	0.28	0	0	6.46	0	0	0	0	0	0	-26.33	-26.33
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1741	3.25	0	75.82	0	0.3	0	0	6.52	0	0	0	0	0	0	-26.58	-26.58
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1770.6	3.25	0	75.96	0	0.31	0	0	6.58	0	0	0	0	0	0	-26.8	-26.8
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1830.5	3.25	0	76.25	0	0.33	0	0	6.71	0	0	0	0	0	0	-27.23	-27.23
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1846.1	3.25	0	76.32	0	0.34	0	0	6.74	0	0	0	0	0	0	-27.34	-27.34
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2028.7	3.25	0	77.14	0	0.42	0	0	7.1	0	0	0	0	0	0	-28.6	-28.6
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2074.9	3.25	0	77.34	0	0.44	0	0	7.19	0	0	0	0	0	0	-28.91	-28.91
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2234.5	3.25	0	77.98	0	0.5	0	0	7.5	0	0	0	0	0	0	-29.92	-29.92
Value D/N: 0	0																								
Level D/N: 32.4744	32.4744																								

Receiver: Existing Noise Receptor
ID: R21
X: 520115
Y: 4882572
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	432.95	3.25	0	63.73	0	-0.6	0	0	7.95	0	0	0	0	0	0	29.23	29.23
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	463.61	3.25	0	64.32	0	-0.58	0	0	8.23	0	0	0	0	0	0	28.34	28.34
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	500.1	3.25	0	64.98	0	-0.55	0	0	8.53	0	0	0	0	0	0	27.36	27.36
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	627.22	3.25	0	66.95	0	-0.46	0	0	9.36	0	0	0	0	0	0	24.46	24.46
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	643.9	3.25	0	67.18	0	-0.45	0	0	9.45	0	0	0	0	0	0	24.13	24.13
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	666.48	3.25	0	67.48	0	-0.43	0	0	9.57	0	0	0	0	0	0	23.7	23.7
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	736.65	3.25	0	68.35	0	-0.39	0	0	9.91	0	0	0	0	0	0	22.45	22.45
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	807.07	3.25	0	69.14	0	-0.35	0	0	10.21	0	0	0	0	0	0	21.31	21.31
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	833.26	3.25	0	69.42	0	-0.33	0	0	10.31	0	0	0	0	0	0	20.92	20.92
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	836.3	3.25	0	69.45	0	-0.33	0	0	10.33	0	0	0	0	0	0	20.87	20.87
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	923	4.4	0	70.3	0	-0.9	0	0	2.36	0	0	0	0	0	0	29.01	29.01
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	957	3.25	0	70.62	0	-0.27	0	0	10.77	0	0	0	0	0	0	19.2	19.2
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1021	3.25	0	71.18	0	-0.24	0	0	10.98	0	0	0	0	0	0	18.39	18.39
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1029.7	3.25	0	71.25	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.28	18.28
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1074.7	3.25	0	71.63	0	-0.21	0	0	11.15	0	0	0	0	0	0	17.75	17.75
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1098.3	3.25	0	71.81	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.47	17.47
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1152.6	3.25	0	72.23	0	-0.17	0	0	11.39	0	0	0	0	0	0	16.87	16.87
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1194.1	3.25	0	72.54	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.42	16.42
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1215	3.25	0	72.69	0	-0.15	0	0	11.57	0	0	0	0	0	0	16.2	16.2
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1241.3	3.25	0	72.88	0	-0.14	0	0	11.64	0	0	0	0	0	0	15.93	15.93
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1253.5	3.25	0	72.96	0	-0.13	0	0	11.68	0	0	0	0	0	0	15.8	15.8
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1290.5	3.25	0	73.21	0	-0.12	0	0	11.78	0	0	0	0	0	0	15.43	15.43
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1338	3.25	0	73.53	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.97	14.97
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1394.7	3.25	0	73.89	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.44	14.44
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	934.87	3.5	0	70.42	0	2.86	0	0	1.03	0	0	0	0	0	0	22.32	22.32
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1444.2	3.25	0	74.19	0	-0.05	0	0	12.18	0	0	0	0	0	0	13.99	13.99
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1506.2	3.25	0	74.56	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.45	13.45
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1605.3	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.62	12.62
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1795.2	3.25	0	76.08	0	0.07	0	0	13.02	0	0	0	0	0	0	11.14	11.14
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1891.2	3.25	0	76.53	0	0.1	0	0	13.23	0	0	0	0	0	0	10.45	10.45
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2008.5	3.25	0	77.06	0	0.13	0	0	13.48	0	0	0	0	0	0	9.64	9.64

Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	637.54	3.25	0	67.09	0	0.97	0	0	6.98	0	0	0	0	0	0	10.2	10.2
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	937.6	3.77	0	70.44	0	-0.69	0	0	2.39	0	0	0	0	0	0	14.84	14.84
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	438.79	3.25	0	63.85	0	-0.12	0	0	3.35	0	0	0	0	0	0	-11.02	-11.02
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	468.37	3.25	0	64.41	0	-0.12	0	0	3.45	0	0	0	0	0	0	-11.68	-11.68
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	495.61	3.25	0	64.9	0	-0.12	0	0	3.54	0	0	0	0	0	0	-12.26	-12.26
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	632.95	3.25	0	67.03	0	-0.1	0	0	3.95	0	0	0	0	0	0	-14.82	-14.82
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	637.97	3.25	0	67.1	0	-0.1	0	0	3.96	0	0	0	0	0	0	-14.9	-14.9
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	640.71	3.25	0	67.13	0	-0.1	0	0	3.97	0	0	0	0	0	0	-14.95	-14.95
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	661.31	3.25	0	67.41	0	-0.09	0	0	4.03	0	0	0	0	0	0	-15.29	-15.29
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	734.2	3.25	0	68.32	0	-0.07	0	0	4.22	0	0	0	0	0	0	-16.41	-16.41
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	802.73	3.25	0	69.09	0	-0.05	0	0	4.4	0	0	0	0	0	0	-17.38	-17.38
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	827.41	3.25	0	69.35	0	-0.04	0	0	4.47	0	0	0	0	0	0	-17.72	-17.72
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	842.27	3.25	0	69.51	0	-0.04	0	0	4.5	0	0	0	0	0	0	-17.91	-17.91
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	952.51	3.25	0	70.58	0	0	0	0	4.77	0	0	0	0	0	0	-19.29	-19.29
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1016	3.25	0	71.14	0	0.02	0	0	4.93	0	0	0	0	0	0	-20.02	-20.02
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1023.9	3.25	0	71.21	0	0.02	0	0	4.95	0	0	0	0	0	0	-20.11	-20.11
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1080	3.25	0	71.67	0	0.04	0	0	5.08	0	0	0	0	0	0	-20.73	-20.73
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1103.2	3.25	0	71.85	0	0.05	0	0	5.13	0	0	0	0	0	0	-20.98	-20.98
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1156.3	3.25	0	72.26	0	0.07	0	0	5.26	0	0	0	0	0	0	-21.53	-21.53
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1188.2	3.25	0	72.5	0	0.08	0	0	5.33	0	0	0	0	0	0	-21.85	-21.85
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1218.6	3.25	0	72.72	0	0.09	0	0	5.4	0	0	0	0	0	0	-22.15	-22.15
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1236.7	3.25	0	72.85	0	0.1	0	0	5.44	0	0	0	0	0	0	-22.32	-22.32
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1249.2	3.25	0	72.93	0	0.1	0	0	5.47	0	0	0	0	0	0	-22.44	-22.44
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1293.1	3.25	0	73.23	0	0.12	0	0	5.57	0	0	0	0	0	0	-22.86	-22.86
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1333.3	3.25	0	73.5	0	0.13	0	0	5.65	0	0	0	0	0	0	-23.23	-23.23
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1397.7	3.25	0	73.91	0	0.16	0	0	5.8	0	0	0	0	0	0	-23.8	-23.8
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1448.7	3.25	0	74.22	0	0.18	0	0	5.91	0	0	0	0	0	0	-24.25	-24.25
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1502.1	3.25	0	74.53	0	0.2	0	0	6.02	0	0	0	0	0	0	-24.7	-24.7
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1600.6	3.25	0	75.09	0	0.24	0	0	6.23	0	0	0	0	0	0	-25.5	-25.5
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1800.1	3.25	0	76.11	0	0.32	0	0	6.64	0	0	0	0	0	0	-27.01	-27.01
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1886.6	3.25	0	76.51	0	0.36	0	0	6.82	0	0	0	0	0	0	-27.63	-27.63
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2004	3.25	0	77.04	0	0.41	0	0	7.05	0	0	0	0	0	0	-28.44	-28.44
Value D/N:	0																								
Level D/N:	37.1105																								

Receiver: Existing Noise Receptor
ID: R22
X: 520087
Y: 4881714
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	633.61	3.25	0	67.04	0	-0.46	0	0	9.4	0	0	0	0	0	0	24.33	24.33
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	690.42	3.25	0	67.78	0	-0.42	0	0	9.69	0	0	0	0	0	0	23.26	23.26
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	755.42	3.25	0	68.56	0	-0.38	0	0	9.99	0	0	0	0	0	0	22.13	22.13
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	789.47	3.25	0	68.95	0	-0.36	0	0	10.14	0	0	0	0	0	0	21.59	21.59
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	852.94	3.25	0	69.62	0	-0.32	0	0	10.39	0	0	0	0	0	0	20.63	20.63
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	881.83	3.25	0	69.91	0	-0.31	0	0	10.5	0	0	0	0	0	0	20.21	20.21
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1002.9	3.25	0	71.03	0	-0.24	0	0	10.92	0	0	0	0	0	0	18.61	18.61
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1031.9	3.25	0	71.27	0	-0.23	0	0	11.02	0	0	0	0	0	0	18.25	18.25
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1082.9	3.25	0	71.69	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.65	17.65
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1130.1	3.25	0	72.06	0	-0.19	0	0	11.32	0	0	0	0	0	0	17.11	17.11
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1171.1	3.25	0	72.37	0	-0.17	0	0	11.44	0	0	0	0	0	0	16.67	16.67
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1181.1	3.25	0	72.45	0	-0.16	0	0	11.47	0	0	0	0	0	0	16.56	16.56
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1245.4	3.25	0	72.91	0	-0.13	0	0	11.65	0	0	0	0	0	0	15.89	15.89
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1314.3	3.25	0	73.37	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.2	15.2
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1319.7	3.25	0	73.41	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.15	15.15
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1536	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.19	13.19

Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1648.2	4.4	0	75.34	0	-0.86	0	0	3.75	0	0	0	0	0	0	22.55	22.55
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1752.5	3.25	0	75.87	0	0.05	0	0	12.92	0	0	0	0	0	0	11.46	11.46
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1861	3.25	0	76.4	0	0.09	0	0	13.16	0	0	0	0	0	0	10.67	10.67
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1918.3	3.25	0	76.66	0	0.11	0	0	13.29	0	0	0	0	0	0	10.26	10.26
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1925.8	3.25	0	76.69	0	0.11	0	0	13.3	0	0	0	0	0	0	10.21	10.21
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2001.7	3.25	0	77.03	0	0.13	0	0	13.47	0	0	0	0	0	0	9.69	9.69
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2079.5	3.25	0	77.36	0	0.15	0	0	13.63	0	0	0	0	0	0	9.17	9.17
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2132.4	3.25	0	77.58	0	0.17	0	0	13.74	0	0	0	0	0	0	8.83	8.83
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2151.9	3.25	0	77.66	0	0.17	0	0	13.78	0	0	0	0	0	0	8.71	8.71
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2224.3	3.25	0	77.94	0	0.19	0	0	13.92	0	0	0	0	0	0	8.26	8.26
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2247.4	3.25	0	78.03	0	0.2	0	0	13.97	0	0	0	0	0	0	8.11	8.11
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2423.5	3.25	0	78.69	0	0.24	0	0	14.31	0	0	0	0	0	0	7.07	7.07
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2476.5	3.25	0	78.88	0	0.25	0	0	14.41	0	0	0	0	0	0	6.77	6.77
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1671.1	3.5	0	75.46	0	3.15	0	0	1.52	0	0	0	0	0	0	16.5	16.5
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2636.5	3.25	0	79.42	0	0.29	0	0	14.71	0	0	0	0	0	0	5.89	5.89
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	522.62	3.25	0	65.36	0	0.85	0	0	6.63	0	0	0	0	0	0	12.4	12.4
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1667	3.77	0	75.44	0	-0.59	0	0	3.79	0	0	0	0	0	0	8.34	8.34
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	526.22	3.25	0	65.42	0	-0.12	0	0	3.63	0	0	0	0	0	0	-12.88	-12.88
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	628.34	3.25	0	66.96	0	-0.1	0	0	3.94	0	0	0	0	0	0	-14.74	-14.74
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	687.06	3.25	0	67.74	0	-0.08	0	0	4.1	0	0	0	0	0	0	-15.7	-15.7
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	751.08	3.25	0	68.51	0	-0.07	0	0	4.27	0	0	0	0	0	0	-16.66	-16.66
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	784.08	3.25	0	68.89	0	-0.06	0	0	4.35	0	0	0	0	0	0	-17.13	-17.13
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	855.72	3.25	0	69.65	0	-0.04	0	0	4.54	0	0	0	0	0	0	-18.09	-18.09
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	885.73	3.25	0	69.95	0	-0.03	0	0	4.61	0	0	0	0	0	0	-18.47	-18.47
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1008.5	3.25	0	71.07	0	0.01	0	0	4.91	0	0	0	0	0	0	-19.94	-19.94
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1027.4	3.25	0	71.23	0	0.02	0	0	4.95	0	0	0	0	0	0	-20.15	-20.15
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1084.8	3.25	0	71.71	0	0.04	0	0	5.09	0	0	0	0	0	0	-20.78	-20.78
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1126.9	3.25	0	72.04	0	0.06	0	0	5.19	0	0	0	0	0	0	-21.22	-21.22
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1166	3.25	0	72.33	0	0.07	0	0	5.28	0	0	0	0	0	0	-21.62	-21.62
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1176.4	3.25	0	72.41	0	0.07	0	0	5.3	0	0	0	0	0	0	-21.73	-21.73
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1249.3	3.25	0	72.93	0	0.1	0	0	5.47	0	0	0	0	0	0	-22.44	-22.44
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1310.5	3.25	0	73.35	0	0.13	0	0	5.6	0	0	0	0	0	0	-23.02	-23.02
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1314.5	3.25	0	73.38	0	0.13	0	0	5.61	0	0	0	0	0	0	-23.06	-23.06
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1534.9	3.25	0	74.72	0	0.21	0	0	6.09	0	0	0	0	0	0	-24.97	-24.97
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1755.7	3.25	0	75.89	0	0.3	0	0	6.55	0	0	0	0	0	0	-26.69	-26.69
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1858.1	3.25	0	76.38	0	0.34	0	0	6.76	0	0	0	0	0	0	-27.43	-27.43
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1920.6	3.25	0	76.67	0	0.37	0	0	6.89	0	0	0	0	0	0	-27.87	-27.87
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1928.2	3.25	0	76.7	0	0.37	0	0	6.9	0	0	0	0	0	0	-27.92	-27.92
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1998.5	3.25	0	77.01	0	0.4	0	0	7.04	0	0	0	0	0	0	-28.4	-28.4
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2081.2	3.25	0	77.37	0	0.44	0	0	7.2	0	0	0	0	0	0	-28.95	-28.95
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2135.5	3.25	0	77.59	0	0.46	0	0	7.31	0	0	0	0	0	0	-29.3	-29.3
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2154	3.25	0	77.66	0	0.47	0	0	7.34	0	0	0	0	0	0	-29.42	-29.42
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2221.4	3.25	0	77.93	0	0.5	0	0	7.47	0	0	0	0	0	0	-29.84	-29.84
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2243.9	3.25	0	78.02	0	0.51	0	0	7.51	0	0	0	0	0	0	-29.98	-29.98
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2427.1	3.25	0	78.7	0	0.59	0	0	7.86	0	0	0	0	0	0	-31.08	-31.08
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2473	3.25	0	78.86	0	0.6	0	0	7.94	0	0	0	0	0	0	-31.35	-31.35
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2633	3.25	0	79.41	0	0.67	0	0	8.23	0	0	0	0	0	0	-32.25	-32.25
Value D/N: 0	0																								
Level D/N: 32.6307	32.6307																								

Receiver: Existing Noise Receptor - dwelling
ID: R23a
X: 519858
Y: 4881880
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	355.09	3.25	0	62.01	0	-0.64	0	0	7.12	0	0	0	0	0	0	31.83	31.83

Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	436.34	3.25	0	63.8	0	-0.6	0	0	7.98	0	0	0	0	0	0	29.13	29.13
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	476.61	3.25	0	64.56	0	-0.57	0	0	8.34	0	0	0	0	0	0	27.98	27.98
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	521.31	3.25	0	65.34	0	-0.54	0	0	8.69	0	0	0	0	0	0	26.82	26.82
Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	610.74	3.25	0	66.72	0	-0.47	0	0	9.27	0	0	0	0	0	0	24.8	24.8
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	613.34	3.25	0	66.75	0	-0.47	0	0	9.28	0	0	0	0	0	0	24.75	24.75
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	731.89	3.25	0	68.29	0	-0.39	0	0	9.89	0	0	0	0	0	0	22.53	22.53
Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	750.37	3.25	0	68.51	0	-0.38	0	0	9.97	0	0	0	0	0	0	22.22	22.22
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	855.04	3.25	0	69.64	0	-0.32	0	0	10.4	0	0	0	0	0	0	20.6	20.6
Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	873.04	3.25	0	69.82	0	-0.31	0	0	10.47	0	0	0	0	0	0	20.34	20.34
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	888.68	3.25	0	69.97	0	-0.3	0	0	10.52	0	0	0	0	0	0	20.12	20.12
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	914.63	3.25	0	70.22	0	-0.29	0	0	10.62	0	0	0	0	0	0	19.76	19.76
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	973.28	3.25	0	70.76	0	-0.26	0	0	10.82	0	0	0	0	0	0	18.98	18.98
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1032.8	3.25	0	71.28	0	-0.23	0	0	11.02	0	0	0	0	0	0	18.24	18.24
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1039.1	3.25	0	71.33	0	-0.23	0	0	11.04	0	0	0	0	0	0	18.17	18.17
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1337.2	3.25	0	73.52	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.98	14.98
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1418.6	4.4	0	74.04	0	-0.89	0	0	3.33	0	0	0	0	0	0	24.29	24.29
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	246.02	3.25	0	58.82	0	0.4	0	0	4.81	0	0	0	0	0	0	21.21	21.21
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1756	3.25	0	75.89	0	0.06	0	0	12.93	0	0	0	0	0	0	11.44	11.44
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1871.4	3.25	0	76.44	0	0.09	0	0	13.19	0	0	0	0	0	0	10.59	10.59
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1885.2	3.25	0	76.51	0	0.1	0	0	13.22	0	0	0	0	0	0	10.49	10.49
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1907.3	3.25	0	76.61	0	0.1	0	0	13.26	0	0	0	0	0	0	10.34	10.34
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2005.3	3.25	0	77.04	0	0.13	0	0	13.47	0	0	0	0	0	0	9.66	9.66
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2019.5	3.25	0	77.1	0	0.13	0	0	13.5	0	0	0	0	0	0	9.57	9.57
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2111.6	3.25	0	77.49	0	0.16	0	0	13.69	0	0	0	0	0	0	8.97	8.97
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2126.8	3.25	0	77.55	0	0.16	0	0	13.72	0	0	0	0	0	0	8.87	8.87
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2205.2	3.25	0	77.87	0	0.19	0	0	13.88	0	0	0	0	0	0	8.37	8.37
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1444.3	3.5	0	74.19	0	3.1	0	0	1.37	0	0	0	0	0	0	17.97	17.97
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2263.2	3.25	0	78.09	0	0.2	0	0	14	0	0	0	0	0	0	8.02	8.02
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2447	3.25	0	78.77	0	0.24	0	0	14.36	0	0	0	0	0	0	6.94	6.94
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2517.8	3.25	0	79.02	0	0.26	0	0	14.49	0	0	0	0	0	0	6.54	6.54
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2661.9	3.25	0	79.5	0	0.29	0	0	14.76	0	0	0	0	0	0	5.75	5.75
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1438.2	3.77	0	74.16	0	-0.63	0	0	3.37	0	0	0	0	0	0	10.08	10.08
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	249.02	3.25	0	58.92	0	-0.01	0	0	2.52	0	0	0	0	0	0	-5.38	-5.38
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	349.55	3.25	0	61.87	0	-0.1	0	0	3.01	0	0	0	0	0	0	-8.72	-8.72
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	434.11	3.25	0	63.75	0	-0.12	0	0	3.33	0	0	0	0	0	0	-10.91	-10.91
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	472.63	3.25	0	64.49	0	-0.12	0	0	3.46	0	0	0	0	0	0	-11.78	-11.78
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	515.7	3.25	0	65.25	0	-0.12	0	0	3.6	0	0	0	0	0	0	-12.68	-12.68
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	614.12	3.25	0	66.77	0	-0.1	0	0	3.9	0	0	0	0	0	0	-14.5	-14.5
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	614.97	3.25	0	66.78	0	-0.1	0	0	3.9	0	0	0	0	0	0	-14.52	-14.52
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	737.64	3.25	0	68.36	0	-0.07	0	0	4.23	0	0	0	0	0	0	-16.46	-16.46
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	745.94	3.25	0	68.45	0	-0.07	0	0	4.26	0	0	0	0	0	0	-16.58	-16.58
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	856.13	3.25	0	69.65	0	-0.04	0	0	4.54	0	0	0	0	0	0	-18.09	-18.09
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	870.45	3.25	0	69.79	0	-0.03	0	0	4.57	0	0	0	0	0	0	-18.28	-18.28
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	883.54	3.25	0	69.92	0	-0.03	0	0	4.61	0	0	0	0	0	0	-18.44	-18.44
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	909.77	3.25	0	70.18	0	-0.02	0	0	4.67	0	0	0	0	0	0	-18.77	-18.77
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	976.83	3.25	0	70.8	0	0	0	0	4.83	0	0	0	0	0	0	-19.58	-19.58
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1029.1	3.25	0	71.25	0	0.02	0	0	4.96	0	0	0	0	0	0	-20.17	-20.17
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1033.8	3.25	0	71.29	0	0.02	0	0	4.97	0	0	0	0	0	0	-20.22	-20.22
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1336.8	3.25	0	73.52	0	0.14	0	0	5.66	0	0	0	0	0	0	-23.26	-23.26
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1759.9	3.25	0	75.91	0	0.3	0	0	6.56	0	0	0	0	0	0	-26.72	-26.72
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1874.5	3.25	0	76.46	0	0.35	0	0	6.79	0	0	0	0	0	0	-27.54	-27.54
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1881.6	3.25	0	76.49	0	0.35	0	0	6.81	0	0	0	0	0	0	-27.6	-27.6
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1910.2	3.25	0	76.62	0	0.37	0	0	6.87	0	0	0	0	0	0	-27.8	-27.8
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2001.4	3.25	0	77.03	0	0.4	0	0	7.05	0	0	0	0	0	0	-28.42	-28.42
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2021.8	3.25	0	77.11	0	0.41	0	0	7.09	0	0	0	0	0	0	-28.56	-28.56
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2114.2	3.25	0	77.5	0	0.45	0	0	7.27	0	0	0	0	0	0	-29.16	-29.16
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2130.5	3.25	0	77.57	0	0.46	0	0	7.3	0	0	0	0	0	0	-29.27	-29.27
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2201.7	3.25	0	77.86	0	0.49	0	0	7.43	0	0	0	0	0	0	-29.72	-29.72
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2259.2	3.25	0	78.08	0	0.51	0	0	7.54	0	0	0	0	0	0	-30.08	-30.08

Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2451.1	3.25	0	78.79	0	0.6	0	0	7.9	0	0	0	0	0	0	-31.22	-31.22
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2513.8	3.25	0	79.01	0	0.62	0	0	8.01	0	0	0	0	0	0	-31.59	-31.59
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2658	3.25	0	79.49	0	0.68	0	0	8.27	0	0	0	0	0	0	-32.39	-32.39
Value D/N: 0	0																								
Level D/N: 37.5143	37.5143																								

Receiver: Existing Noise Receptor
ID: R24
X: 518346
Y: 4883309
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1048	3.25	0	71.41	0	-0.22	0	0	11.07	0	0	0	0	0	0	18.06	18.06
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1143.8	4.4	0	72.17	0	-0.9	0	0	2.81	0	0	0	0	0	0	26.71	26.71
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1114.8	3.25	0	71.94	0	-0.19	0	0	11.27	0	0	0	0	0	0	17.29	17.29
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1137.2	3.25	0	72.12	0	-0.18	0	0	11.34	0	0	0	0	0	0	17.04	17.04
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1219.6	3.25	0	72.72	0	-0.15	0	0	11.58	0	0	0	0	0	0	16.15	16.15
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1301.9	3.25	0	73.29	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.32	15.32
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1330.3	3.25	0	73.48	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.05	15.05
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1364.5	3.25	0	73.7	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.72	14.72
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1409.3	3.25	0	73.98	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.31	14.31
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1454.8	3.25	0	74.26	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.9	13.9
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1466.1	3.25	0	74.32	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.8	13.8
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1490.3	3.25	0	74.47	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.58	13.58
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1587.3	3.25	0	75.01	0	0	0	0	12.54	0	0	0	0	0	0	12.76	12.76
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1606	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.61	12.61
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1652.1	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1698.5	3.25	0	75.6	0	0.04	0	0	12.8	0	0	0	0	0	0	11.88	11.88
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1753.2	3.25	0	75.88	0	0.05	0	0	12.92	0	0	0	0	0	0	11.46	11.46
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1159.5	3.5	0	72.29	0	3.01	0	0	1.18	0	0	0	0	0	0	20.15	20.15
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2472.6	3.25	0	78.86	0	0.25	0	0	14.41	0	0	0	0	0	0	6.79	6.79
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2473.5	3.25	0	78.87	0	0.25	0	0	14.41	0	0	0	0	0	0	6.79	6.79
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2642.2	3.25	0	79.44	0	0.29	0	0	14.72	0	0	0	0	0	0	5.86	5.86
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2646.1	3.25	0	79.45	0	0.29	0	0	14.73	0	0	0	0	0	0	5.84	5.84
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2672.2	3.25	0	79.54	0	0.3	0	0	14.78	0	0	0	0	0	0	5.7	5.7
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2821.5	3.25	0	80.01	0	0.33	0	0	15.05	0	0	0	0	0	0	4.92	4.92
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2823.2	3.25	0	80.01	0	0.33	0	0	15.06	0	0	0	0	0	0	4.91	4.91
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2848.6	3.25	0	80.09	0	0.33	0	0	15.1	0	0	0	0	0	0	4.79	4.79
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2849.7	3.25	0	80.1	0	0.33	0	0	15.1	0	0	0	0	0	0	4.78	4.78
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1143.7	3.77	0	72.17	0	-0.67	0	0	2.81	0	0	0	0	0	0	12.68	12.68
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1838.8	3.25	0	76.29	0	1.18	0	0	8.82	0	0	0	0	0	0	-1.05	-1.05
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1051.6	3.25	0	71.44	0	0.03	0	0	5.01	0	0	0	0	0	0	-20.42	-20.42
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1118	3.25	0	71.97	0	0.05	0	0	5.17	0	0	0	0	0	0	-21.13	-21.13
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1132.3	3.25	0	72.08	0	0.06	0	0	5.2	0	0	0	0	0	0	-21.28	-21.28
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1223.5	3.25	0	72.75	0	0.09	0	0	5.41	0	0	0	0	0	0	-22.19	-22.19
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1307.1	3.25	0	73.33	0	0.12	0	0	5.6	0	0	0	0	0	0	-22.99	-22.99
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1334.6	3.25	0	73.51	0	0.13	0	0	5.66	0	0	0	0	0	0	-23.24	-23.24
	Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1366.8	3.25	0	73.71	0	0.15	0	0	5.73	0	0	0	0	0	0	-23.53	-23.53
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1414.3	3.25	0	74.01	0	0.17	0	0	5.83	0	0	0	0	0	0	-23.95	-23.95
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1450.2	3.25	0	74.23	0	0.18	0	0	5.91	0	0	0	0	0	0	-24.26	-24.26
	Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1462.8	3.25	0	74.3	0	0.18	0	0	5.94	0	0	0	0	0	0	-24.37	-24.37
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1485.5	3.25	0	74.44	0	0.19	0	0	5.99	0	0	0	0	0	0	-24.56	-24.56
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1582.2	3.25	0	74.98	0	0.23	0	0	6.19	0	0	0	0	0	0	-25.35	-25.35
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1610.4	3.25	0	75.14	0	0.24	0	0	6.25	0	0	0	0	0	0	-25.58	-25.58
	Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1655.7	3.25	0	75.38	0	0.26	0	0	6.35	0	0	0	0	0	0	-25.93	-25.93
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1703.2	3.25	0	75.63	0	0.28	0	0	6.45	0	0	0	0	0	0	-26.29	-26.29
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1757.3	3.25	0	75.9	0	0.3	0	0	6.56	0	0	0	0	0	0	-26.7	-26.7

Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1835.1	3.25	0	76.27	0	0.34	0	0	6.71	0	0	0	0	0	0	-27.26	-27.26
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2478.4	3.25	0	78.88	0	0.61	0	0	7.95	0	0	0	0	0	0	-31.38	-31.38
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2478.6	3.25	0	78.88	0	0.61	0	0	7.95	0	0	0	0	0	0	-31.38	-31.38
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2647.1	3.25	0	79.46	0	0.68	0	0	8.25	0	0	0	0	0	0	-32.33	-32.33
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2651.1	3.25	0	79.47	0	0.68	0	0	8.26	0	0	0	0	0	0	-32.35	-32.35
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2678.2	3.25	0	79.56	0	0.69	0	0	8.31	0	0	0	0	0	0	-32.5	-32.5
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2815.5	3.25	0	79.99	0	0.75	0	0	8.55	0	0	0	0	0	0	-33.23	-33.23
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2817.2	3.25	0	80	0	0.75	0	0	8.55	0	0	0	0	0	0	-33.24	-33.24
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2844.7	3.25	0	80.08	0	0.76	0	0	8.6	0	0	0	0	0	0	-33.39	-33.39
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2854.5	3.25	0	80.11	0	0.77	0	0	8.62	0	0	0	0	0	0	-33.44	-33.44
Value D/N:	0	0																							
Level D/N:	30.4575	30.4575																							

Receiver: Existing Noise Receptor
ID: R25
X: 518717
Y: 4883567
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	833.99	4.4	0	69.42	0	-0.89	0	0	2.18	0	0	0	0	0	0	30.07	30.07
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1061.2	3.25	0	71.52	0	-0.22	0	0	11.11	0	0	0	0	0	0	17.9	17.9
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1064.6	3.25	0	71.54	0	-0.22	0	0	11.12	0	0	0	0	0	0	17.86	17.86
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1093.9	3.25	0	71.78	0	-0.2	0	0	11.21	0	0	0	0	0	0	17.52	17.52
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1179.4	3.25	0	72.43	0	-0.16	0	0	11.47	0	0	0	0	0	0	16.58	16.58
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1222.3	3.25	0	72.74	0	-0.14	0	0	11.59	0	0	0	0	0	0	16.12	16.12
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1271.8	3.25	0	73.09	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.62	15.62
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	838.58	3.5	0	69.47	0	2.76	0	0	0.96	0	0	0	0	0	0	23.43	23.43
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1281.3	3.25	0	73.15	0	-0.12	0	0	11.75	0	0	0	0	0	0	15.52	15.52
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1319.3	3.25	0	73.41	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.15	15.15
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1425.9	3.25	0	74.08	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.15	14.15
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1468.3	3.25	0	74.34	0	-0.05	0	0	12.25	0	0	0	0	0	0	13.78	13.78
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1493.4	3.25	0	74.48	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.56	13.56
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1543.7	3.25	0	74.77	0	-0.02	0	0	12.43	0	0	0	0	0	0	13.13	13.13
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1565.8	3.25	0	74.89	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.94	12.94
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1615.2	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.54	12.54
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1692.8	3.25	0	75.57	0	0.03	0	0	12.79	0	0	0	0	0	0	11.92	11.92
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1751.2	3.25	0	75.87	0	0.05	0	0	12.92	0	0	0	0	0	0	11.47	11.47
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2078.6	3.25	0	77.36	0	0.15	0	0	13.63	0	0	0	0	0	0	9.18	9.18
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2096.4	3.25	0	77.43	0	0.16	0	0	13.66	0	0	0	0	0	0	9.06	9.06
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2247.8	3.25	0	78.04	0	0.2	0	0	13.97	0	0	0	0	0	0	8.11	8.11
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2278.1	3.25	0	78.15	0	0.2	0	0	14.03	0	0	0	0	0	0	7.93	7.93
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2328.1	3.25	0	78.34	0	0.22	0	0	14.13	0	0	0	0	0	0	7.63	7.63
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2431.2	3.25	0	78.72	0	0.24	0	0	14.33	0	0	0	0	0	0	7.03	7.03
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2454.7	3.25	0	78.8	0	0.25	0	0	14.37	0	0	0	0	0	0	6.89	6.89
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2468.1	3.25	0	78.85	0	0.25	0	0	14.4	0	0	0	0	0	0	6.82	6.82
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2502.6	3.25	0	78.97	0	0.26	0	0	14.46	0	0	0	0	0	0	6.62	6.62
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2676.9	3.25	0	79.55	0	0.3	0	0	14.79	0	0	0	0	0	0	5.67	5.67
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2841.9	3.25	0	80.07	0	0.33	0	0	15.09	0	0	0	0	0	0	4.82	4.82
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2998	3.25	0	80.54	0	0.36	0	0	15.37	0	0	0	0	0	0	4.04	4.04
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	827.2	3.77	0	69.35	0	-0.7	0	0	2.16	0	0	0	0	0	0	16.16	16.16
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1790.9	3.25	0	76.06	0	1.18	0	0	8.76	0	0	0	0	0	0	-0.76	-0.76
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1061.4	3.25	0	71.52	0	0.03	0	0	5.03	0	0	0	0	0	0	-20.53	-20.53
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1063	3.25	0	71.53	0	0.03	0	0	5.04	0	0	0	0	0	0	-20.54	-20.54
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1098.6	3.25	0	71.82	0	0.05	0	0	5.12	0	0	0	0	0	0	-20.93	-20.93
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1183.3	3.25	0	72.46	0	0.08	0	0	5.32	0	0	0	0	0	0	-21.8	-21.8
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1223.4	3.25	0	72.75	0	0.09	0	0	5.41	0	0	0	0	0	0	-22.19	-22.19
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1273.9	3.25	0	73.1	0	0.11	0	0	5.52	0	0	0	0	0	0	-22.68	-22.68

Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1277.6	3.25	0	73.13	0	0.11	0	0	5.53	0	0	0	0	0	0	-22.71	-22.71
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1322	3.25	0	73.42	0	0.13	0	0	5.63	0	0	0	0	0	0	-23.13	-23.13
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1422.5	3.25	0	74.06	0	0.17	0	0	5.85	0	0	0	0	0	0	-24.02	-24.02
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1464.3	3.25	0	74.31	0	0.18	0	0	5.94	0	0	0	0	0	0	-24.38	-24.38
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1494.3	3.25	0	74.49	0	0.2	0	0	6.01	0	0	0	0	0	0	-24.63	-24.63
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1542	3.25	0	74.76	0	0.22	0	0	6.11	0	0	0	0	0	0	-25.03	-25.03
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1568.9	3.25	0	74.91	0	0.23	0	0	6.16	0	0	0	0	0	0	-25.24	-25.24
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1618.8	3.25	0	75.18	0	0.25	0	0	6.27	0	0	0	0	0	0	-25.64	-25.64
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1695.1	3.25	0	75.58	0	0.28	0	0	6.43	0	0	0	0	0	0	-26.23	-26.23
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1754	3.25	0	75.88	0	0.3	0	0	6.55	0	0	0	0	0	0	-26.67	-26.67
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1788.1	3.25	0	76.05	0	0.32	0	0	6.62	0	0	0	0	0	0	-26.92	-26.92
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2083.6	3.25	0	77.38	0	0.44	0	0	7.21	0	0	0	0	0	0	-28.96	-28.96
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2102.4	3.25	0	77.45	0	0.45	0	0	7.24	0	0	0	0	0	0	-29.09	-29.09
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2252.8	3.25	0	78.05	0	0.51	0	0	7.53	0	0	0	0	0	0	-30.04	-30.04
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2283.1	3.25	0	78.17	0	0.52	0	0	7.59	0	0	0	0	0	0	-30.22	-30.22
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2334	3.25	0	78.36	0	0.55	0	0	7.68	0	0	0	0	0	0	-30.53	-30.53
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2425.2	3.25	0	78.69	0	0.58	0	0	7.85	0	0	0	0	0	0	-31.07	-31.07
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2448.7	3.25	0	78.78	0	0.59	0	0	7.9	0	0	0	0	0	0	-31.21	-31.21
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2474.1	3.25	0	78.87	0	0.61	0	0	7.94	0	0	0	0	0	0	-31.36	-31.36
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2497.7	3.25	0	78.95	0	0.62	0	0	7.99	0	0	0	0	0	0	-31.49	-31.49
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2671	3.25	0	79.53	0	0.69	0	0	8.3	0	0	0	0	0	0	-32.46	-32.46
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2847.9	3.25	0	80.09	0	0.77	0	0	8.61	0	0	0	0	0	0	-33.4	-33.4
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2992.5	3.25	0	80.52	0	0.83	0	0	8.86	0	0	0	0	0	0	-34.14	-34.14
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2997.4	3.25	0	80.53	0	0.83	0	0	8.86	0	0	0	0	0	0	-34.17	-34.17
Value D/N:	0																								
Level D/N:	32.7276																								

Receiver: Existing Noise Receptor
ID: R26
X: 518236
Y: 4883477
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1272.7	4.4	0	73.09	0	-0.9	0	0	3.06	0	0	0	0	0	0	25.52	25.52
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1244.9	3.25	0	72.9	0	-0.13	0	0	11.65	0	0	0	0	0	0	15.89	15.89
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1315.6	3.25	0	73.38	0	-0.11	0	0	11.85	0	0	0	0	0	0	15.19	15.19
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1325.2	3.25	0	73.45	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.09	15.09
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1419.6	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.21	14.21
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1483.3	3.25	0	74.42	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.64	13.64
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1526.8	3.25	0	74.68	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.27	13.27
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1538.8	3.25	0	74.74	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.17	13.17
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1564.4	3.25	0	74.89	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.95	12.95
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1627.4	3.25	0	75.23	0	0.01	0	0	12.63	0	0	0	0	0	0	12.44	12.44
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1666.9	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	12.12	12.12
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1681.9	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	12	12
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1771.4	3.25	0	75.97	0	0.06	0	0	12.96	0	0	0	0	0	0	11.32	11.32
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1800.8	3.25	0	76.11	0	0.07	0	0	13.03	0	0	0	0	0	0	11.1	11.1
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1852.4	3.25	0	76.35	0	0.09	0	0	13.14	0	0	0	0	0	0	10.73	10.73
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1888.6	3.25	0	76.52	0	0.1	0	0	13.22	0	0	0	0	0	0	10.47	10.47
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1951.7	3.25	0	76.81	0	0.12	0	0	13.36	0	0	0	0	0	0	10.03	10.03
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1284.3	3.5	0	73.17	0	3.05	0	0	1.27	0	0	0	0	0	0	19.14	19.14
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2564.3	3.25	0	79.18	0	0.27	0	0	14.58	0	0	0	0	0	0	6.28	6.28
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2576	3.25	0	79.22	0	0.27	0	0	14.6	0	0	0	0	0	0	6.22	6.22
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2733.6	3.25	0	79.73	0	0.31	0	0	14.89	0	0	0	0	0	0	5.38	5.38
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2754.7	3.25	0	79.8	0	0.31	0	0	14.93	0	0	0	0	0	0	5.27	5.27
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2793.8	3.25	0	79.92	0	0.32	0	0	15	0	0	0	0	0	0	5.06	5.06
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2916.4	3.25	0	80.3	0	0.35	0	0	15.22	0	0	0	0	0	0	4.45	4.45

Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2931	3.25	0	80.34	0	0.35	0	0	15.25	0	0	0	0	0	0	4.37	4.37
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2949.7	3.25	0	80.4	0	0.35	0	0	15.28	0	0	0	0	0	0	4.28	4.28
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2970	3.25	0	80.46	0	0.36	0	0	15.32	0	0	0	0	0	0	4.18	4.18
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1270	3.77	0	73.08	0	-0.66	0	0	3.05	0	0	0	0	0	0	11.5	11.5
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2033.7	3.25	0	77.17	0	1.17	0	0	9.05	0	0	0	0	0	0	-2.14	-2.14
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1248.4	3.25	0	72.93	0	0.1	0	0	5.47	0	0	0	0	0	0	-22.43	-22.43
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1318.8	3.25	0	73.4	0	0.13	0	0	5.62	0	0	0	0	0	0	-23.1	-23.1
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1320.4	3.25	0	73.41	0	0.13	0	0	5.63	0	0	0	0	0	0	-23.11	-23.11
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1423.5	3.25	0	74.07	0	0.17	0	0	5.85	0	0	0	0	0	0	-24.03	-24.03
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1488.4	3.25	0	74.45	0	0.19	0	0	5.99	0	0	0	0	0	0	-24.58	-24.58
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1531	3.25	0	74.7	0	0.21	0	0	6.08	0	0	0	0	0	0	-24.94	-24.94
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1543.7	3.25	0	74.77	0	0.22	0	0	6.11	0	0	0	0	0	0	-25.04	-25.04
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1566.7	3.25	0	74.9	0	0.23	0	0	6.16	0	0	0	0	0	0	-25.23	-25.23
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1623	3.25	0	75.21	0	0.25	0	0	6.28	0	0	0	0	0	0	-25.67	-25.67
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1663.6	3.25	0	75.42	0	0.26	0	0	6.36	0	0	0	0	0	0	-25.99	-25.99
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1677.3	3.25	0	75.49	0	0.27	0	0	6.39	0	0	0	0	0	0	-26.1	-26.1
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1766.5	3.25	0	75.94	0	0.31	0	0	6.58	0	0	0	0	0	0	-26.77	-26.77
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1805.2	3.25	0	76.13	0	0.32	0	0	6.65	0	0	0	0	0	0	-27.05	-27.05
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1856	3.25	0	76.37	0	0.34	0	0	6.76	0	0	0	0	0	0	-27.41	-27.41
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1893.2	3.25	0	76.54	0	0.36	0	0	6.83	0	0	0	0	0	0	-27.68	-27.68
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1955.6	3.25	0	76.83	0	0.39	0	0	6.96	0	0	0	0	0	0	-28.11	-28.11
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2030	3.25	0	77.15	0	0.42	0	0	7.1	0	0	0	0	0	0	-28.61	-28.61
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2569.3	3.25	0	79.2	0	0.65	0	0	8.12	0	0	0	0	0	0	-31.9	-31.9
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2582	3.25	0	79.24	0	0.65	0	0	8.14	0	0	0	0	0	0	-31.97	-31.97
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2738.5	3.25	0	79.75	0	0.72	0	0	8.42	0	0	0	0	0	0	-32.83	-32.83
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2759.7	3.25	0	79.82	0	0.73	0	0	8.45	0	0	0	0	0	0	-32.94	-32.94
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2799.7	3.25	0	79.94	0	0.74	0	0	8.52	0	0	0	0	0	0	-33.15	-33.15
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2910.4	3.25	0	80.28	0	0.79	0	0	8.72	0	0	0	0	0	0	-33.73	-33.73
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2925	3.25	0	80.32	0	0.8	0	0	8.74	0	0	0	0	0	0	-33.8	-33.8
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2955.7	3.25	0	80.41	0	0.81	0	0	8.79	0	0	0	0	0	0	-33.96	-33.96
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2965.1	3.25	0	80.44	0	0.81	0	0	8.81	0	0	0	0	0	0	-34.01	-34.01
Value D/N: 0	0																									
Level D/N: 29.0703	29.0703																									

Receiver: Existing Noise Receptor
ID: R27
X: 519141
Y: 4883653
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	532.29	4.4	0	65.52	0	-0.81	0	0	1.51	0	0	0	0	0	0	34.55	34.55
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	752.95	3.25	0	68.54	0	-0.38	0	0	9.98	0	0	0	0	0	0	22.17	22.17
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	520.88	3.5	0	65.33	0	2.22	0	0	0.73	0	0	0	0	0	0	28.34	28.34
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	997.31	3.25	0	70.98	0	-0.25	0	0	10.9	0	0	0	0	0	0	18.68	18.68
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1043	3.25	0	71.37	0	-0.23	0	0	11.05	0	0	0	0	0	0	18.12	18.12
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1078.9	3.25	0	71.66	0	-0.21	0	0	11.16	0	0	0	0	0	0	17.7	17.7
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1079	3.25	0	71.66	0	-0.21	0	0	11.16	0	0	0	0	0	0	17.7	17.7
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1278.3	3.25	0	73.13	0	-0.12	0	0	11.75	0	0	0	0	0	0	15.55	15.55
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1296.6	3.25	0	73.26	0	-0.11	0	0	11.8	0	0	0	0	0	0	15.37	15.37
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1303.8	3.25	0	73.3	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.3	15.3
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1305	3.25	0	73.31	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.29	15.29
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1321.3	3.25	0	73.42	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.13	15.13
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1473.1	3.25	0	74.36	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.73	13.73
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1476.3	3.25	0	74.38	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.71	13.71
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1566.1	3.25	0	74.9	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.94	12.94
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1567.5	3.25	0	74.9	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.93	12.93
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1652.1	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24

Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1669.1	3.25	0	75.45	0	0.03	0	0	12.73	0	0	0	0	0	0	12.1	12.1
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1678.9	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.03	12.03
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1682.6	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	12	12
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1821.2	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	10.95	10.95
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1864.3	3.25	0	76.41	0	0.09	0	0	13.17	0	0	0	0	0	0	10.64	10.64
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1929	3.25	0	76.71	0	0.11	0	0	13.31	0	0	0	0	0	0	10.19	10.19
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2005.1	3.25	0	77.04	0	0.13	0	0	13.47	0	0	0	0	0	0	9.67	9.67
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2040.8	3.25	0	77.2	0	0.14	0	0	13.55	0	0	0	0	0	0	9.43	9.43
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2047	3.25	0	77.22	0	0.14	0	0	13.56	0	0	0	0	0	0	9.39	9.39
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2100.3	3.25	0	77.45	0	0.16	0	0	13.67	0	0	0	0	0	0	9.04	9.04
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2255.5	3.25	0	78.06	0	0.2	0	0	13.98	0	0	0	0	0	0	8.07	8.07
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	517.49	3.77	0	65.28	0	-0.66	0	0	1.47	0	0	0	0	0	0	20.88	20.88
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2417	3.25	0	78.67	0	0.24	0	0	14.3	0	0	0	0	0	0	7.11	7.11
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2574.6	3.25	0	79.21	0	0.27	0	0	14.6	0	0	0	0	0	0	6.22	6.22
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2575	3.25	0	79.22	0	0.27	0	0	14.6	0	0	0	0	0	0	6.22	6.22
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1675.3	3.25	0	75.48	0	1.18	0	0	8.62	0	0	0	0	0	0	-0.04	-0.04
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	757.01	3.25	0	68.58	0	-0.07	0	0	4.28	0	0	0	0	0	0	-16.74	-16.74
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	996.47	3.25	0	70.97	0	0.01	0	0	4.88	0	0	0	0	0	0	-19.8	-19.8
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1044.9	3.25	0	71.38	0	0.03	0	0	5	0	0	0	0	0	0	-20.35	-20.35
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1076.4	3.25	0	71.64	0	0.04	0	0	5.07	0	0	0	0	0	0	-20.69	-20.69
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1078.8	3.25	0	71.66	0	0.04	0	0	5.08	0	0	0	0	0	0	-20.72	-20.72
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1279.1	3.25	0	73.14	0	0.11	0	0	5.53	0	0	0	0	0	0	-22.73	-22.73
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1296.7	3.25	0	73.26	0	0.12	0	0	5.57	0	0	0	0	0	0	-22.89	-22.89
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1302.4	3.25	0	73.3	0	0.12	0	0	5.59	0	0	0	0	0	0	-22.94	-22.94
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1302.8	3.25	0	73.3	0	0.12	0	0	5.59	0	0	0	0	0	0	-22.95	-22.95
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1319.6	3.25	0	73.41	0	0.13	0	0	5.62	0	0	0	0	0	0	-23.1	-23.1
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1474.7	3.25	0	74.37	0	0.19	0	0	5.96	0	0	0	0	0	0	-24.47	-24.47
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1478.7	3.25	0	74.4	0	0.19	0	0	5.97	0	0	0	0	0	0	-24.5	-24.5
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1566	3.25	0	74.9	0	0.23	0	0	6.16	0	0	0	0	0	0	-25.22	-25.22
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1566.9	3.25	0	74.9	0	0.23	0	0	6.16	0	0	0	0	0	0	-25.23	-25.23
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1657.1	3.25	0	75.39	0	0.26	0	0	6.35	0	0	0	0	0	0	-25.94	-25.94
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1670	3.25	0	75.45	0	0.27	0	0	6.38	0	0	0	0	0	0	-26.04	-26.04
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1673.6	3.25	0	75.47	0	0.27	0	0	6.38	0	0	0	0	0	0	-26.07	-26.07
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1684	3.25	0	75.53	0	0.27	0	0	6.41	0	0	0	0	0	0	-26.15	-26.15
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1684.9	3.25	0	75.53	0	0.27	0	0	6.41	0	0	0	0	0	0	-26.15	-26.15
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1826.2	3.25	0	76.23	0	0.33	0	0	6.7	0	0	0	0	0	0	-27.2	-27.2
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1869.2	3.25	0	76.43	0	0.35	0	0	6.78	0	0	0	0	0	0	-27.51	-27.51
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1934.8	3.25	0	76.73	0	0.38	0	0	6.91	0	0	0	0	0	0	-27.97	-27.97
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1999.1	3.25	0	77.02	0	0.4	0	0	7.04	0	0	0	0	0	0	-28.4	-28.4
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2034.8	3.25	0	77.17	0	0.42	0	0	7.11	0	0	0	0	0	0	-28.64	-28.64
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2053	3.25	0	77.25	0	0.43	0	0	7.15	0	0	0	0	0	0	-28.76	-28.76
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2095.4	3.25	0	77.43	0	0.44	0	0	7.23	0	0	0	0	0	0	-29.04	-29.04
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2249.7	3.25	0	78.04	0	0.51	0	0	7.52	0	0	0	0	0	0	-30.02	-30.02
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2423	3.25	0	78.69	0	0.58	0	0	7.85	0	0	0	0	0	0	-31.06	-31.06
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2568.7	3.25	0	79.19	0	0.65	0	0	8.11	0	0	0	0	0	0	-31.9	-31.9
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2569.5	3.25	0	79.2	0	0.65	0	0	8.12	0	0	0	0	0	0	-31.9	-31.9
Value D/N: 0	0																									
Level D/N: 36.5253	36.5253																									

Receiver: Existing Noise Receptor
ID: R28
X: 519616
Y: 4885730
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2483.8	4.4	0	78.9	0	-0.74	0	0	5.16	0	0	0	0	0	0	17.45	17.45
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2372.5	3.25	0	78.5	0	0.23	0	0	14.21	0	0	0	0	0	0	7.37	7.37

Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2452.4	3.25	0	78.79	0	0.25	0	0	14.37	0	0	0	0	0	0	6.91	6.91
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2520.7	3.25	0	79.03	0	0.26	0	0	14.5	0	0	0	0	0	0	6.52	6.52
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2539.3	3.25	0	79.09	0	0.27	0	0	14.53	0	0	0	0	0	0	6.42	6.42
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2566	3.25	0	79.19	0	0.27	0	0	14.58	0	0	0	0	0	0	6.27	6.27
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2692.1	3.25	0	79.6	0	0.3	0	0	14.82	0	0	0	0	0	0	5.59	5.59
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2692.4	3.25	0	79.6	0	0.3	0	0	14.82	0	0	0	0	0	0	5.59	5.59
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2798.5	3.25	0	79.94	0	0.32	0	0	15.01	0	0	0	0	0	0	5.04	5.04
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2818.9	3.25	0	80	0	0.33	0	0	15.05	0	0	0	0	0	0	4.94	4.94
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2853	3.25	0	80.11	0	0.33	0	0	15.11	0	0	0	0	0	0	4.76	4.76
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2855.9	3.25	0	80.11	0	0.33	0	0	15.12	0	0	0	0	0	0	4.75	4.75
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2891.5	3.25	0	80.22	0	0.34	0	0	15.18	0	0	0	0	0	0	4.57	4.57
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2973.3	3.25	0	80.46	0	0.36	0	0	15.32	0	0	0	0	0	0	4.17	4.17
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2452	3.5	0	78.79	0	3.31	0	0	1.99	0	0	0	0	0	0	12.54	12.54
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2463.2	3.77	0	78.83	0	-0.43	0	0	5.13	0	0	0	0	0	0	3.44	3.44
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2375	3.25	0	78.51	0	0.56	0	0	7.76	0	0	0	0	0	0	-30.78	-30.78
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2455.1	3.25	0	78.8	0	0.6	0	0	7.91	0	0	0	0	0	0	-31.25	-31.25
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2521	3.25	0	79.03	0	0.63	0	0	8.03	0	0	0	0	0	0	-31.63	-31.63
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2542.1	3.25	0	79.1	0	0.63	0	0	8.07	0	0	0	0	0	0	-31.75	-31.75
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2562.5	3.25	0	79.17	0	0.64	0	0	8.1	0	0	0	0	0	0	-31.86	-31.86
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2694.6	3.25	0	79.61	0	0.7	0	0	8.34	0	0	0	0	0	0	-32.59	-32.59
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2695.9	3.25	0	79.61	0	0.7	0	0	8.34	0	0	0	0	0	0	-32.6	-32.6
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2795.2	3.25	0	79.93	0	0.74	0	0	8.52	0	0	0	0	0	0	-33.13	-33.13
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2815.2	3.25	0	79.99	0	0.75	0	0	8.55	0	0	0	0	0	0	-33.23	-33.23
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2851.4	3.25	0	80.1	0	0.77	0	0	8.61	0	0	0	0	0	0	-33.42	-33.42
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2857.1	3.25	0	80.12	0	0.77	0	0	8.62	0	0	0	0	0	0	-33.45	-33.45
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2894.4	3.25	0	80.23	0	0.78	0	0	8.69	0	0	0	0	0	0	-33.65	-33.65
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2970.7	3.25	0	80.46	0	0.82	0	0	8.82	0	0	0	0	0	0	-34.03	-34.03
Value D/N:	0																								
Level D/N:	20.942																								

Receiver: Existing Noise Receptor
ID: R29
X: 520478
Y: 4885862
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2214.5	3.25	0	77.91	0	0.19	0	0	13.9	0	0	0	0	0	0	8.32	8.32
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2235	3.25	0	77.99	0	0.19	0	0	13.94	0	0	0	0	0	0	8.19	8.19
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2291.5	3.25	0	78.2	0	0.21	0	0	14.06	0	0	0	0	0	0	7.85	7.85
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2395.4	3.25	0	78.59	0	0.23	0	0	14.26	0	0	0	0	0	0	7.23	7.23
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2411.5	3.25	0	78.65	0	0.24	0	0	14.29	0	0	0	0	0	0	7.14	7.14
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2425.3	3.25	0	78.7	0	0.24	0	0	14.32	0	0	0	0	0	0	7.06	7.06
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2470.6	3.25	0	78.86	0	0.25	0	0	14.4	0	0	0	0	0	0	6.8	6.8
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2493.9	3.25	0	78.94	0	0.26	0	0	14.45	0	0	0	0	0	0	6.67	6.67
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2500	3.25	0	78.96	0	0.26	0	0	14.46	0	0	0	0	0	0	6.64	6.64
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2556.3	3.25	0	79.15	0	0.27	0	0	14.56	0	0	0	0	0	0	6.33	6.33
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2595.5	3.25	0	79.28	0	0.28	0	0	14.64	0	0	0	0	0	0	6.11	6.11
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2793.7	4.4	0	79.92	0	-0.68	0	0	5.65	0	0	0	0	0	0	15.89	15.89
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2715.8	3.25	0	79.68	0	0.3	0	0	14.86	0	0	0	0	0	0	5.47	5.47
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2746.7	3.25	0	79.78	0	0.31	0	0	14.92	0	0	0	0	0	0	5.31	5.31
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2747	3.25	0	79.78	0	0.31	0	0	14.92	0	0	0	0	0	0	5.31	5.31
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2758.7	3.5	0	79.81	0	3.37	0	0	2.16	0	0	0	0	0	0	11.28	11.28
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2774.2	3.77	0	79.86	0	-0.35	0	0	5.62	0	0	0	0	0	0	1.85	1.85
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2215.2	3.25	0	77.91	0	0.49	0	0	7.46	0	0	0	0	0	0	-29.8	-29.8
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2236.1	3.25	0	77.99	0	0.5	0	0	7.5	0	0	0	0	0	0	-29.93	-29.93
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2289.8	3.25	0	78.2	0	0.53	0	0	7.6	0	0	0	0	0	0	-30.26	-30.26
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2396.3	3.25	0	78.59	0	0.57	0	0	7.8	0	0	0	0	0	0	-30.9	-30.9

Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2408.2	3.25	0	78.63	0	0.58	0	0	7.82	0	0	0	0	0	0	-30.97	-30.97
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2427.1	3.25	0	78.7	0	0.59	0	0	7.86	0	0	0	0	0	0	-31.08	-31.08
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2473.2	3.25	0	78.87	0	0.6	0	0	7.94	0	0	0	0	0	0	-31.35	-31.35
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2491.7	3.25	0	78.93	0	0.61	0	0	7.97	0	0	0	0	0	0	-31.46	-31.46
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2501	3.25	0	78.96	0	0.62	0	0	7.99	0	0	0	0	0	0	-31.51	-31.51
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2554.7	3.25	0	79.15	0	0.64	0	0	8.09	0	0	0	0	0	0	-31.82	-31.82
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2592.7	3.25	0	79.28	0	0.66	0	0	8.16	0	0	0	0	0	0	-32.03	-32.03
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2717	3.25	0	79.68	0	0.71	0	0	8.38	0	0	0	0	0	0	-32.71	-32.71
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2745.4	3.25	0	79.77	0	0.72	0	0	8.43	0	0	0	0	0	0	-32.86	-32.86
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2745.7	3.25	0	79.77	0	0.72	0	0	8.43	0	0	0	0	0	0	-32.86	-32.86
Value D/N:	0																								
Level D/N:	20.8467																								

Receiver: Existing Noise Receptor
ID: R30
X: 520324
Y: 4884070
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	616.41	3.25	0	66.8	0	-0.47	0	0	9.3	0	0	0	0	0	0	24.68	24.68
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	747.76	3.25	0	68.48	0	-0.38	0	0	9.96	0	0	0	0	0	0	22.26	22.26
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	757.99	3.25	0	68.59	0	-0.38	0	0	10	0	0	0	0	0	0	22.09	22.09
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	914.16	3.25	0	70.22	0	-0.29	0	0	10.62	0	0	0	0	0	0	19.76	19.76
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	934.12	3.25	0	70.41	0	-0.28	0	0	10.69	0	0	0	0	0	0	19.5	19.5
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1010	3.25	0	71.09	0	-0.24	0	0	10.94	0	0	0	0	0	0	18.52	18.52
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1030.4	3.25	0	71.26	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.27	18.27
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1076	3.25	0	71.64	0	-0.21	0	0	11.15	0	0	0	0	0	0	17.73	17.73
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1171.2	4.4	0	72.37	0	-0.9	0	0	2.86	0	0	0	0	0	0	26.45	26.45
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1111.7	3.25	0	71.92	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.32	17.32
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1192.8	3.25	0	72.53	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.43	16.43
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1223.3	3.25	0	72.75	0	-0.14	0	0	11.59	0	0	0	0	0	0	16.11	16.11
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1306.8	3.25	0	73.32	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.27	15.27
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1415.9	3.25	0	74.02	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.24	14.24
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1474.7	3.25	0	74.37	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.72	13.72
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1502.8	3.25	0	74.54	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.47	13.47
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1639.2	3.25	0	75.29	0	0.02	0	0	12.66	0	0	0	0	0	0	12.34	12.34
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1718.6	3.25	0	75.7	0	0.04	0	0	12.85	0	0	0	0	0	0	11.72	11.72
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1137.4	3.5	0	72.12	0	3	0	0	1.17	0	0	0	0	0	0	20.35	20.35
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1747.2	3.25	0	75.85	0	0.05	0	0	12.91	0	0	0	0	0	0	11.5	11.5
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1867.8	3.25	0	76.43	0	0.09	0	0	13.18	0	0	0	0	0	0	10.62	10.62
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1887	3.25	0	76.52	0	0.1	0	0	13.22	0	0	0	0	0	0	10.48	10.48
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1936	3.25	0	76.74	0	0.11	0	0	13.33	0	0	0	0	0	0	10.14	10.14
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1970.2	3.25	0	76.89	0	0.12	0	0	13.4	0	0	0	0	0	0	9.9	9.9
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1995.5	3.25	0	77	0	0.13	0	0	13.45	0	0	0	0	0	0	9.73	9.73
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	2100.9	3.25	0	77.45	0	0.16	0	0	13.67	0	0	0	0	0	0	9.03	9.03
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2196.7	3.25	0	77.84	0	0.18	0	0	13.87	0	0	0	0	0	0	8.43	8.43
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2202.1	3.25	0	77.86	0	0.18	0	0	13.88	0	0	0	0	0	0	8.39	8.39
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	2290.4	3.25	0	78.2	0	0.21	0	0	14.05	0	0	0	0	0	0	7.85	7.85
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2301.4	3.25	0	78.24	0	0.21	0	0	14.07	0	0	0	0	0	0	7.79	7.79
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	2395.1	3.25	0	78.59	0	0.23	0	0	14.26	0	0	0	0	0	0	7.24	7.24
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1156.3	3.77	0	72.26	0	-0.67	0	0	2.83	0	0	0	0	0	0	12.55	12.55
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2083.9	3.25	0	77.38	0	1.17	0	0	9.11	0	0	0	0	0	0	-2.41	-2.41
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	620.23	3.25	0	66.85	0	-0.1	0	0	3.91	0	0	0	0	0	0	-14.61	-14.61
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	752.03	3.25	0	68.52	0	-0.07	0	0	4.27	0	0	0	0	0	0	-16.67	-16.67
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	761.87	3.25	0	68.64	0	-0.06	0	0	4.3	0	0	0	0	0	0	-16.81	-16.81
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	908.77	3.25	0	70.17	0	-0.02	0	0	4.67	0	0	0	0	0	0	-18.76	-18.76
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	937.7	3.25	0	70.44	0	-0.01	0	0	4.74	0	0	0	0	0	0	-19.11	-19.11

Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1015.1	3.25	0	71.13	0	0.02	0	0	4.93	0	0	0	0	0	0	-20.01	-20.01
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1027.6	3.25	0	71.24	0	0.02	0	0	4.95	0	0	0	0	0	0	-20.15	-20.15
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1071.4	3.25	0	71.6	0	0.04	0	0	5.06	0	0	0	0	0	0	-20.64	-20.64
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1115.4	3.25	0	71.95	0	0.05	0	0	5.16	0	0	0	0	0	0	-21.1	-21.1
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1187.6	3.25	0	72.49	0	0.08	0	0	5.33	0	0	0	0	0	0	-21.84	-21.84
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1219.8	3.25	0	72.73	0	0.09	0	0	5.4	0	0	0	0	0	0	-22.16	-22.16
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1312.4	3.25	0	73.36	0	0.13	0	0	5.61	0	0	0	0	0	0	-23.04	-23.04
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1410.1	3.25	0	73.98	0	0.16	0	0	5.82	0	0	0	0	0	0	-23.91	-23.91
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1469.4	3.25	0	74.34	0	0.19	0	0	5.95	0	0	0	0	0	0	-24.42	-24.42
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1505	3.25	0	74.55	0	0.2	0	0	6.03	0	0	0	0	0	0	-24.72	-24.72
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1636.1	3.25	0	75.28	0	0.25	0	0	6.31	0	0	0	0	0	0	-25.78	-25.78
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1720.8	3.25	0	75.71	0	0.29	0	0	6.48	0	0	0	0	0	0	-26.43	-26.43
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1750.8	3.25	0	75.86	0	0.3	0	0	6.54	0	0	0	0	0	0	-26.65	-26.65
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1870.4	3.25	0	76.44	0	0.35	0	0	6.79	0	0	0	0	0	0	-27.52	-27.52
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1885.4	3.25	0	76.51	0	0.36	0	0	6.82	0	0	0	0	0	0	-27.62	-27.62
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1932.8	3.25	0	76.72	0	0.38	0	0	6.91	0	0	0	0	0	0	-27.95	-27.95
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1967.1	3.25	0	76.88	0	0.39	0	0	6.98	0	0	0	0	0	0	-28.19	-28.19
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1993.1	3.25	0	76.99	0	0.4	0	0	7.03	0	0	0	0	0	0	-28.36	-28.36
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2085.4	3.25	0	77.38	0	0.44	0	0	7.21	0	0	0	0	0	0	-28.98	-28.98
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	2097.6	3.25	0	77.43	0	0.45	0	0	7.23	0	0	0	0	0	0	-29.06	-29.06
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2192.9	3.25	0	77.82	0	0.49	0	0	7.42	0	0	0	0	0	0	-29.66	-29.66
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2200	3.25	0	77.85	0	0.49	0	0	7.43	0	0	0	0	0	0	-29.71	-29.71
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	2288.1	3.25	0	78.19	0	0.53	0	0	7.6	0	0	0	0	0	0	-30.25	-30.25
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2304.5	3.25	0	78.25	0	0.53	0	0	7.63	0	0	0	0	0	0	-30.35	-30.35
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	2392.3	3.25	0	78.58	0	0.57	0	0	7.79	0	0	0	0	0	0	-30.88	-30.88
Value D/N: 0	0																								
Level D/N: 32.9143	32.9143																								

Receiver: Existing Noise Receptor
ID: R31
X: 520048
Y: 4884092
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	856.22	3.25	0	69.65	0	-0.32	0	0	10.4	0	0	0	0	0	0	20.58	20.58
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	927.5	3.25	0	70.35	0	-0.28	0	0	10.66	0	0	0	0	0	0	19.58	19.58
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1011.5	4.4	0	71.1	0	-0.91	0	0	2.54	0	0	0	0	0	0	28.04	28.04
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	972.68	3.25	0	70.76	0	-0.26	0	0	10.82	0	0	0	0	0	0	18.99	18.99
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1002.6	3.25	0	71.02	0	-0.24	0	0	10.92	0	0	0	0	0	0	18.62	18.62
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1160	3.25	0	72.29	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.78	16.78
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1176.3	3.25	0	72.41	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.61	16.61
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1263	3.25	0	73.03	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.71	15.71
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1314.8	3.25	0	73.38	0	-0.11	0	0	11.85	0	0	0	0	0	0	15.19	15.19
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1316.3	3.25	0	73.39	0	-0.11	0	0	11.85	0	0	0	0	0	0	15.18	15.18
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1426.9	3.25	0	74.09	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.15	14.15
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1446.1	3.25	0	74.2	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.97	13.97
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1453.7	3.25	0	74.25	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.9	13.9
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	976.29	3.5	0	70.79	0	2.9	0	0	1.06	0	0	0	0	0	0	21.88	21.88
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1535.7	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.19	13.19
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1576.2	3.25	0	74.95	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.85	12.85
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1617.8	3.25	0	75.18	0	0.01	0	0	12.61	0	0	0	0	0	0	12.51	12.51
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1659.2	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.18	12.18
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1691.1	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.93	11.93
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1743.8	3.25	0	75.83	0	0.05	0	0	12.9	0	0	0	0	0	0	11.53	11.53
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1787	3.25	0	76.04	0	0.07	0	0	13	0	0	0	0	0	0	11.2	11.2
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1792	3.25	0	76.07	0	0.07	0	0	13.01	0	0	0	0	0	0	11.17	11.17
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1836.6	3.25	0	76.28	0	0.08	0	0	13.11	0	0	0	0	0	0	10.84	10.84

Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1862.5	3.25	0	76.4	0	0.09	0	0	13.17	0	0	0	0	0	0	10.65	10.65
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1925.2	3.25	0	76.69	0	0.11	0	0	13.3	0	0	0	0	0	0	10.21	10.21
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1973.5	3.25	0	76.9	0	0.12	0	0	13.41	0	0	0	0	0	0	9.88	9.88
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2052.4	3.25	0	77.25	0	0.14	0	0	13.57	0	0	0	0	0	0	9.35	9.35
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2139.7	3.25	0	77.61	0	0.17	0	0	13.75	0	0	0	0	0	0	8.79	8.79
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2194.5	3.25	0	77.83	0	0.18	0	0	13.86	0	0	0	0	0	0	8.44	8.44
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	2208.2	3.25	0	77.88	0	0.19	0	0	13.89	0	0	0	0	0	0	8.36	8.36
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	2269.9	3.25	0	78.12	0	0.2	0	0	14.01	0	0	0	0	0	0	7.98	7.98
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	993.98	3.77	0	70.95	0	-0.69	0	0	2.51	0	0	0	0	0	0	14.21	14.21
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2041.8	3.25	0	77.2	0	1.17	0	0	9.06	0	0	0	0	0	0	-2.19	-2.19
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	860.58	3.25	0	69.7	0	-0.03	0	0	4.55	0	0	0	0	0	0	-18.15	-18.15
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	925.92	3.25	0	70.33	0	-0.01	0	0	4.71	0	0	0	0	0	0	-18.97	-18.97
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	977.4	3.25	0	70.8	0	0	0	0	4.83	0	0	0	0	0	0	-19.58	-19.58
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1007.1	3.25	0	71.06	0	0.01	0	0	4.91	0	0	0	0	0	0	-19.92	-19.92
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1164.1	3.25	0	72.32	0	0.07	0	0	5.27	0	0	0	0	0	0	-21.61	-21.61
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1170.7	3.25	0	72.37	0	0.07	0	0	5.29	0	0	0	0	0	0	-21.67	-21.67
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1268.5	3.25	0	73.07	0	0.11	0	0	5.51	0	0	0	0	0	0	-22.63	-22.63
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1309.7	3.25	0	73.34	0	0.12	0	0	5.6	0	0	0	0	0	0	-23.01	-23.01
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1320.7	3.25	0	73.42	0	0.13	0	0	5.63	0	0	0	0	0	0	-23.11	-23.11
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1428.2	3.25	0	74.1	0	0.17	0	0	5.86	0	0	0	0	0	0	-24.07	-24.07
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1442.2	3.25	0	74.18	0	0.18	0	0	5.89	0	0	0	0	0	0	-24.19	-24.19
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1448.3	3.25	0	74.22	0	0.18	0	0	5.91	0	0	0	0	0	0	-24.24	-24.24
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1533.5	3.25	0	74.71	0	0.21	0	0	6.09	0	0	0	0	0	0	-24.96	-24.96
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1582	3.25	0	74.98	0	0.23	0	0	6.19	0	0	0	0	0	0	-25.35	-25.35
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1620.6	3.25	0	75.19	0	0.25	0	0	6.27	0	0	0	0	0	0	-25.66	-25.66
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1660.5	3.25	0	75.4	0	0.26	0	0	6.36	0	0	0	0	0	0	-25.97	-25.97
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1685.3	3.25	0	75.53	0	0.27	0	0	6.41	0	0	0	0	0	0	-26.16	-26.16
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1738.5	3.25	0	75.8	0	0.3	0	0	6.52	0	0	0	0	0	0	-26.56	-26.56
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1788.8	3.25	0	76.05	0	0.32	0	0	6.62	0	0	0	0	0	0	-26.93	-26.93
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1789.4	3.25	0	76.05	0	0.32	0	0	6.62	0	0	0	0	0	0	-26.93	-26.93
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1835.8	3.25	0	76.28	0	0.34	0	0	6.72	0	0	0	0	0	0	-27.27	-27.27
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1860.1	3.25	0	76.39	0	0.35	0	0	6.77	0	0	0	0	0	0	-27.44	-27.44
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1923.7	3.25	0	76.68	0	0.37	0	0	6.89	0	0	0	0	0	0	-27.89	-27.89
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1970.8	3.25	0	76.89	0	0.39	0	0	6.99	0	0	0	0	0	0	-28.21	-28.21
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2042.7	3.25	0	77.2	0	0.42	0	0	7.13	0	0	0	0	0	0	-28.69	-28.69
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2049.2	3.25	0	77.23	0	0.42	0	0	7.14	0	0	0	0	0	0	-28.74	-28.74
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2138.2	3.25	0	77.6	0	0.46	0	0	7.31	0	0	0	0	0	0	-29.32	-29.32
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2196.9	3.25	0	77.84	0	0.49	0	0	7.42	0	0	0	0	0	0	-29.69	-29.69
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	2206.5	3.25	0	77.87	0	0.49	0	0	7.44	0	0	0	0	0	0	-29.75	-29.75
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	2267.5	3.25	0	78.11	0	0.52	0	0	7.56	0	0	0	0	0	0	-30.13	-30.13
Value D/N:	0																									
Level D/N:	32.1966	32.1966																								

Receiver: Existing Noise Receptor
ID: R32
X: 521186
Y: 4884030
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	362.22	3.25	0	62.18	0	-0.64	0	0	7.2	0	0	0	0	0	0	31.57	31.57
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	415.55	3.25	0	63.37	0	-0.61	0	0	7.78	0	0	0	0	0	0	29.77	29.77
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	488.01	3.25	0	64.77	0	-0.56	0	0	8.43	0	0	0	0	0	0	27.67	27.67
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	530.04	3.25	0	65.49	0	-0.53	0	0	8.75	0	0	0	0	0	0	26.61	26.61
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	532.97	3.25	0	65.53	0	-0.53	0	0	8.77	0	0	0	0	0	0	26.54	26.54
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	538.97	3.25	0	65.63	0	-0.52	0	0	8.81	0	0	0	0	0	0	26.39	26.39
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	578.05	3.25	0	66.24	0	-0.49	0	0	9.07	0	0	0	0	0	0	25.5	25.5
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	630.32	3.25	0	66.99	0	-0.46	0	0	9.38	0	0	0	0	0	0	24.4	24.4

Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	645.48	3.25	0	67.2	0	-0.45	0	0	9.46	0	0	0	0	0	0	24.1	24.1
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	656.87	3.25	0	67.35	0	-0.44	0	0	9.52	0	0	0	0	0	0	23.88	23.88
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	694.38	3.25	0	67.83	0	-0.42	0	0	9.71	0	0	0	0	0	0	23.18	23.18
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	820.04	3.25	0	69.28	0	-0.34	0	0	10.26	0	0	0	0	0	0	21.11	21.11
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	847.23	3.25	0	69.56	0	-0.33	0	0	10.37	0	0	0	0	0	0	20.71	20.71
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1650.4	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.25	12.25
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1868.6	4.4	0	76.43	0	-0.83	0	0	4.14	0	0	0	0	0	0	21.04	21.04
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2003.8	3.25	0	77.04	0	0.13	0	0	13.47	0	0	0	0	0	0	9.67	9.67
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2157.9	3.25	0	77.68	0	0.17	0	0	13.79	0	0	0	0	0	0	8.67	8.67
Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2185.8	3.25	0	77.79	0	0.18	0	0	13.84	0	0	0	0	0	0	8.5	8.5
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2287.5	3.25	0	78.19	0	0.21	0	0	14.05	0	0	0	0	0	0	7.87	7.87
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2340.5	3.25	0	78.39	0	0.22	0	0	14.15	0	0	0	0	0	0	7.56	7.56
Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2343.4	3.25	0	78.4	0	0.22	0	0	14.16	0	0	0	0	0	0	7.54	7.54
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2435.4	3.25	0	78.73	0	0.24	0	0	14.33	0	0	0	0	0	0	7	7
Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	2500.3	3.25	0	78.96	0	0.26	0	0	14.46	0	0	0	0	0	0	6.64	6.64
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	2548.2	3.25	0	79.12	0	0.27	0	0	14.55	0	0	0	0	0	0	6.37	6.37
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2607.4	3.25	0	79.32	0	0.28	0	0	14.66	0	0	0	0	0	0	6.05	6.05
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	2667.9	3.25	0	79.52	0	0.29	0	0	14.77	0	0	0	0	0	0	5.72	5.72
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	2739.3	3.25	0	79.75	0	0.31	0	0	14.9	0	0	0	0	0	0	5.35	5.35
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2796.7	3.25	0	79.93	0	0.32	0	0	15.01	0	0	0	0	0	0	5.05	5.05
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2810	3.25	0	79.97	0	0.32	0	0	15.03	0	0	0	0	0	0	4.98	4.98
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1840.4	3.5	0	76.3	0	3.19	0	0	1.62	0	0	0	0	0	0	15.52	15.52
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	2942.7	3.25	0	80.37	0	0.35	0	0	15.27	0	0	0	0	0	0	4.32	4.32
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1859.3	3.77	0	76.39	0	-0.56	0	0	4.13	0	0	0	0	0	0	7.02	7.02
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2446	3.25	0	78.77	0	1.15	0	0	9.51	0	0	0	0	0	0	-4.18	-4.18
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	362.94	3.25	0	62.2	0	-0.1	0	0	3.06	0	0	0	0	0	0	-9.09	-9.09
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	412.88	3.25	0	63.32	0	-0.12	0	0	3.25	0	0	0	0	0	0	-10.4	-10.4
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	488.03	3.25	0	64.77	0	-0.12	0	0	3.51	0	0	0	0	0	0	-12.11	-12.11
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	527.81	3.25	0	65.45	0	-0.11	0	0	3.64	0	0	0	0	0	0	-12.92	-12.92
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	529.29	3.25	0	65.47	0	-0.11	0	0	3.64	0	0	0	0	0	0	-12.95	-12.95
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	543.13	3.25	0	65.7	0	-0.11	0	0	3.69	0	0	0	0	0	0	-13.21	-13.21
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	572.6	3.25	0	66.16	0	-0.11	0	0	3.78	0	0	0	0	0	0	-13.77	-13.77
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	630.54	3.25	0	66.99	0	-0.1	0	0	3.94	0	0	0	0	0	0	-14.78	-14.78
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	643.98	3.25	0	67.18	0	-0.09	0	0	3.98	0	0	0	0	0	0	-15	-15
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	653.48	3.25	0	67.3	0	-0.09	0	0	4.01	0	0	0	0	0	0	-15.16	-15.16
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	690.06	3.25	0	67.78	0	-0.08	0	0	4.11	0	0	0	0	0	0	-15.74	-15.74
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	820.01	3.25	0	69.28	0	-0.05	0	0	4.45	0	0	0	0	0	0	-17.62	-17.62
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	846.05	3.25	0	69.55	0	-0.04	0	0	4.51	0	0	0	0	0	0	-17.96	-17.96
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1646.1	3.25	0	75.33	0	0.26	0	0	6.33	0	0	0	0	0	0	-25.85	-25.85
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2007.6	3.25	0	77.05	0	0.41	0	0	7.06	0	0	0	0	0	0	-28.46	-28.46
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2162.1	3.25	0	77.7	0	0.47	0	0	7.36	0	0	0	0	0	0	-29.47	-29.47
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2181.1	3.25	0	77.77	0	0.48	0	0	7.39	0	0	0	0	0	0	-29.59	-29.59
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2284.1	3.25	0	78.17	0	0.52	0	0	7.59	0	0	0	0	0	0	-30.23	-30.23
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2345.4	3.25	0	78.4	0	0.55	0	0	7.7	0	0	0	0	0	0	-30.6	-30.6
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2347.7	3.25	0	78.41	0	0.55	0	0	7.71	0	0	0	0	0	0	-30.61	-30.61
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2431.4	3.25	0	78.72	0	0.59	0	0	7.86	0	0	0	0	0	0	-31.11	-31.11
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2449	3.25	0	78.78	0	0.59	0	0	7.9	0	0	0	0	0	0	-31.21	-31.21
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	2495.8	3.25	0	78.94	0	0.61	0	0	7.98	0	0	0	0	0	0	-31.48	-31.48
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2544.1	3.25	0	79.11	0	0.64	0	0	8.07	0	0	0	0	0	0	-31.76	-31.76
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2603.6	3.25	0	79.31	0	0.66	0	0	8.18	0	0	0	0	0	0	-32.09	-32.09
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	2663.4	3.25	0	79.51	0	0.69	0	0	8.28	0	0	0	0	0	0	-32.42	-32.42
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	2735.6	3.25	0	79.74	0	0.72	0	0	8.41	0	0	0	0	0	0	-32.81	-32.81
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2791.8	3.25	0	79.92	0	0.74	0	0	8.51	0	0	0	0	0	0	-33.11	-33.11
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2814.4	3.25	0	79.99	0	0.75	0	0	8.55	0	0	0	0	0	0	-33.23	-33.23
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	2938.9	3.25	0	80.36	0	0.8	0	0	8.76	0	0	0	0	0	0	-33.87	-33.87
Value D/N:	0																									
Level D/N:	37.8956																									

Receiver: Existing Noise Receptor

ID: R33
X: 522280
Y: 4883191
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	686.08	3.25	0	67.73	0	-0.42	0	0	9.67	0	0	0	0	0	0	23.34	23.34
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	825.65	3.25	0	69.34	0	-0.34	0	0	10.28	0	0	0	0	0	0	21.03	21.03
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	850.23	3.25	0	69.59	0	-0.32	0	0	10.38	0	0	0	0	0	0	20.67	20.67
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	953.34	3.25	0	70.58	0	-0.27	0	0	10.75	0	0	0	0	0	0	19.24	19.24
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1086.2	3.25	0	71.72	0	-0.21	0	0	11.19	0	0	0	0	0	0	17.61	17.61
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1133.4	3.25	0	72.09	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.08	17.08
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1149.9	3.25	0	72.21	0	-0.18	0	0	11.38	0	0	0	0	0	0	16.9	16.9
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1231	3.25	0	72.81	0	-0.14	0	0	11.61	0	0	0	0	0	0	16.03	16.03
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1264	3.25	0	73.04	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.7	15.7
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1309.3	3.25	0	73.34	0	-0.11	0	0	11.83	0	0	0	0	0	0	15.25	15.25
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1405.8	3.25	0	73.96	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.34	14.34
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1498.1	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.52	13.52
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1562.3	3.25	0	74.87	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.97	12.97
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2528.1	3.25	0	79.06	0	0.26	0	0	14.51	0	0	0	0	0	0	6.48	6.48
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2792.4	4.4	0	79.92	0	-0.68	0	0	5.64	0	0	0	0	0	0	15.89	15.89
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2649.1	3.25	0	79.46	0	0.29	0	0	14.74	0	0	0	0	0	0	5.82	5.82
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2684.4	3.25	0	79.58	0	0.3	0	0	14.8	0	0	0	0	0	0	5.63	5.63
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2730.3	3.25	0	79.72	0	0.31	0	0	14.89	0	0	0	0	0	0	5.39	5.39
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2850.8	3.25	0	80.1	0	0.33	0	0	15.11	0	0	0	0	0	0	4.77	4.77
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2878.8	3.25	0	80.18	0	0.34	0	0	15.16	0	0	0	0	0	0	4.63	4.63
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2902	3.25	0	80.25	0	0.34	0	0	15.2	0	0	0	0	0	0	4.52	4.52
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2990.5	3.25	0	80.51	0	0.36	0	0	15.36	0	0	0	0	0	0	4.08	4.08
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2776.3	3.5	0	79.87	0	3.37	0	0	2.17	0	0	0	0	0	0	11.21	11.21
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2792.1	3.77	0	79.92	0	-0.35	0	0	5.64	0	0	0	0	0	0	1.77	1.77
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2798.8	3.25	0	79.94	0	1.11	0	0	9.89	0	0	0	0	0	0	-5.7	-5.7
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	690.75	3.25	0	67.79	0	-0.08	0	0	4.11	0	0	0	0	0	0	-15.75	-15.75
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	829.89	3.25	0	69.38	0	-0.04	0	0	4.47	0	0	0	0	0	0	-17.75	-17.75
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	845.14	3.25	0	69.54	0	-0.04	0	0	4.51	0	0	0	0	0	0	-17.95	-17.95
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	958.77	3.25	0	70.63	0	0	0	0	4.79	0	0	0	0	0	0	-19.36	-19.36
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1091.2	3.25	0	71.76	0	0.04	0	0	5.1	0	0	0	0	0	0	-20.85	-20.85
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1139.3	3.25	0	72.13	0	0.06	0	0	5.22	0	0	0	0	0	0	-21.35	-21.35
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1144.2	3.25	0	72.17	0	0.06	0	0	5.23	0	0	0	0	0	0	-21.4	-21.4
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1236.6	3.25	0	72.84	0	0.1	0	0	5.44	0	0	0	0	0	0	-22.32	-22.32
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1258	3.25	0	72.99	0	0.11	0	0	5.49	0	0	0	0	0	0	-22.53	-22.53
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1304.4	3.25	0	73.31	0	0.12	0	0	5.59	0	0	0	0	0	0	-22.96	-22.96
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1401.1	3.25	0	73.93	0	0.16	0	0	5.8	0	0	0	0	0	0	-23.83	-23.83
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1492.3	3.25	0	74.48	0	0.2	0	0	6	0	0	0	0	0	0	-24.62	-24.62
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1557.5	3.25	0	74.85	0	0.22	0	0	6.14	0	0	0	0	0	0	-25.15	-25.15
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2523.1	3.25	0	79.04	0	0.63	0	0	8.03	0	0	0	0	0	0	-31.64	-31.64
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2654	3.25	0	79.48	0	0.68	0	0	8.27	0	0	0	0	0	0	-32.37	-32.37
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2690.1	3.25	0	79.6	0	0.7	0	0	8.33	0	0	0	0	0	0	-32.57	-32.57
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2725	3.25	0	79.71	0	0.71	0	0	8.39	0	0	0	0	0	0	-32.75	-32.75
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2803.4	3.25	0	79.95	0	0.75	0	0	8.53	0	0	0	0	0	0	-33.17	-33.17
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2844.9	3.25	0	80.08	0	0.76	0	0	8.6	0	0	0	0	0	0	-33.39	-33.39
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2884.6	3.25	0	80.2	0	0.78	0	0	8.67	0	0	0	0	0	0	-33.59	-33.59
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2896.3	3.25	0	80.24	0	0.79	0	0	8.69	0	0	0	0	0	0	-33.66	-33.66
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2985	3.25	0	80.5	0	0.82	0	0	8.84	0	0	0	0	0	0	-34.11	-34.11
Value D/N:		0																									
Level D/N:		29.8287																									

Receiver: Existing Noise Receptor
ID: R34

X: 522303
Y: 4883136
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	736.93	3.25	0	68.35	0	-0.39	0	0	9.91	0	0	0	0	0	0	22.44	22.44
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	881.64	3.25	0	69.91	0	-0.31	0	0	10.5	0	0	0	0	0	0	20.21	20.21
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	899.47	3.25	0	70.08	0	-0.3	0	0	10.56	0	0	0	0	0	0	19.97	19.97
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	995.91	3.25	0	70.96	0	-0.25	0	0	10.9	0	0	0	0	0	0	18.7	18.7
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1111.5	3.25	0	71.92	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.32	17.32
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1167.3	3.25	0	72.34	0	-0.17	0	0	11.43	0	0	0	0	0	0	16.71	16.71
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1189.4	3.25	0	72.51	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.47	16.47
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1274.3	3.25	0	73.11	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.59	15.59
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1288.6	3.25	0	73.2	0	-0.12	0	0	11.77	0	0	0	0	0	0	15.45	15.45
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1342.3	3.25	0	73.56	0	-0.09	0	0	11.92	0	0	0	0	0	0	14.93	14.93
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1447.1	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.96	13.96
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1532.5	3.25	0	74.71	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.22	13.22
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1601.6	3.25	0	75.09	0	0	0	0	12.57	0	0	0	0	0	0	12.65	12.65
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2552.2	3.25	0	79.14	0	0.27	0	0	14.56	0	0	0	0	0	0	6.35	6.35
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2662.5	3.25	0	79.51	0	0.29	0	0	14.76	0	0	0	0	0	0	5.75	5.75
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2817.1	4.4	0	80	0	-0.68	0	0	5.68	0	0	0	0	0	0	15.78	15.78
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2692.4	3.25	0	79.6	0	0.3	0	0	14.82	0	0	0	0	0	0	5.59	5.59
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2734.4	3.25	0	79.74	0	0.31	0	0	14.89	0	0	0	0	0	0	5.37	5.37
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2863.8	3.25	0	80.14	0	0.34	0	0	15.13	0	0	0	0	0	0	4.71	4.71
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2886.2	3.25	0	80.21	0	0.34	0	0	15.17	0	0	0	0	0	0	4.6	4.6
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2906.2	3.25	0	80.27	0	0.34	0	0	15.21	0	0	0	0	0	0	4.5	4.5
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2990.6	3.25	0	80.52	0	0.36	0	0	15.36	0	0	0	0	0	0	4.08	4.08
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2801.6	3.5	0	79.95	0	3.38	0	0	2.19	0	0	0	0	0	0	11.11	11.11
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2817.1	3.77	0	80	0	-0.34	0	0	5.68	0	0	0	0	0	0	1.64	1.64
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2798.7	3.25	0	79.94	0	1.11	0	0	9.89	0	0	0	0	0	0	-5.7	-5.7
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	741.46	3.25	0	68.4	0	-0.07	0	0	4.24	0	0	0	0	0	0	-16.52	-16.52
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	885.79	3.25	0	69.95	0	-0.03	0	0	4.61	0	0	0	0	0	0	-18.47	-18.47
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	894.51	3.25	0	70.03	0	-0.02	0	0	4.63	0	0	0	0	0	0	-18.58	-18.58
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1001.2	3.25	0	71.01	0	0.01	0	0	4.89	0	0	0	0	0	0	-19.86	-19.86
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1116.5	3.25	0	71.96	0	0.05	0	0	5.16	0	0	0	0	0	0	-21.11	-21.11
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1173.1	3.25	0	72.39	0	0.07	0	0	5.29	0	0	0	0	0	0	-21.7	-21.7
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1183.8	3.25	0	72.47	0	0.08	0	0	5.32	0	0	0	0	0	0	-21.8	-21.8
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1279.7	3.25	0	73.14	0	0.11	0	0	5.54	0	0	0	0	0	0	-22.73	-22.73
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1282.6	3.25	0	73.16	0	0.11	0	0	5.54	0	0	0	0	0	0	-22.76	-22.76
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1337.4	3.25	0	73.53	0	0.14	0	0	5.66	0	0	0	0	0	0	-23.27	-23.27
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1442.5	3.25	0	74.18	0	0.18	0	0	5.89	0	0	0	0	0	0	-24.19	-24.19
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1526.6	3.25	0	74.67	0	0.21	0	0	6.07	0	0	0	0	0	0	-24.9	-24.9
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1596.9	3.25	0	75.07	0	0.24	0	0	6.22	0	0	0	0	0	0	-25.47	-25.47
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2547.2	3.25	0	79.12	0	0.64	0	0	8.08	0	0	0	0	0	0	-31.77	-31.77
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2667.4	3.25	0	79.52	0	0.69	0	0	8.29	0	0	0	0	0	0	-32.44	-32.44
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2698.2	3.25	0	79.62	0	0.7	0	0	8.35	0	0	0	0	0	0	-32.61	-32.61
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2729.2	3.25	0	79.72	0	0.71	0	0	8.4	0	0	0	0	0	0	-32.78	-32.78
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2803.3	3.25	0	79.95	0	0.75	0	0	8.53	0	0	0	0	0	0	-33.17	-33.17
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2857.9	3.25	0	80.12	0	0.77	0	0	8.62	0	0	0	0	0	0	-33.46	-33.46
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2892	3.25	0	80.22	0	0.78	0	0	8.68	0	0	0	0	0	0	-33.63	-33.63
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2900.5	3.25	0	80.25	0	0.79	0	0	8.7	0	0	0	0	0	0	-33.68	-33.68
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2985.1	3.25	0	80.5	0	0.82	0	0	8.84	0	0	0	0	0	0	-34.11	-34.11
Value D/N:	0	0																									
Level D/N:	29.2674	29.2674																									

Receiver: Existing Noise Receptor
ID: R35
X: 522346

Y: 4883022
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	842.47	3.25	0	69.51	0	-0.33	0	0	10.35	0	0	0	0	0	0	20.78	20.78
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	996.05	3.25	0	70.97	0	-0.25	0	0	10.9	0	0	0	0	0	0	18.7	18.7
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1001.4	3.25	0	71.01	0	-0.25	0	0	10.92	0	0	0	0	0	0	18.63	18.63
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1085.1	3.25	0	71.71	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.62	17.62
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1167.2	3.25	0	72.34	0	-0.17	0	0	11.43	0	0	0	0	0	0	16.71	16.71
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1239.1	3.25	0	72.86	0	-0.14	0	0	11.64	0	0	0	0	0	0	15.95	15.95
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1272.1	3.25	0	73.09	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.62	15.62
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1341.9	3.25	0	73.55	0	-0.09	0	0	11.92	0	0	0	0	0	0	14.93	14.93
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1363.8	3.25	0	73.69	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.73	14.73
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1411.8	3.25	0	74	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.28	14.28
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1532.5	3.25	0	74.71	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.22	13.22
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1603.8	3.25	0	75.1	0	0	0	0	12.58	0	0	0	0	0	0	12.63	12.63
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1682.8	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	12	12
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2601	3.25	0	79.3	0	0.28	0	0	14.65	0	0	0	0	0	0	6.08	6.08
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2689.6	3.25	0	79.59	0	0.3	0	0	14.81	0	0	0	0	0	0	5.61	5.61
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2708.6	3.25	0	79.66	0	0.3	0	0	14.85	0	0	0	0	0	0	5.51	5.51
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2866.8	4.4	0	80.15	0	-0.67	0	0	5.76	0	0	0	0	0	0	15.54	15.54
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2742.7	3.25	0	79.76	0	0.31	0	0	14.91	0	0	0	0	0	0	5.33	5.33
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2890	3.25	0	80.22	0	0.34	0	0	15.18	0	0	0	0	0	0	4.58	4.58
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2900.6	3.25	0	80.25	0	0.34	0	0	15.2	0	0	0	0	0	0	4.52	4.52
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2914.3	3.25	0	80.29	0	0.35	0	0	15.22	0	0	0	0	0	0	4.46	4.46
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2990.3	3.25	0	80.51	0	0.36	0	0	15.36	0	0	0	0	0	0	4.08	4.08
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2852.6	3.5	0	80.1	0	3.39	0	0	2.22	0	0	0	0	0	0	10.92	10.92
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2867.7	3.77	0	80.15	0	-0.33	0	0	5.76	0	0	0	0	0	0	1.4	1.4
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2798.1	3.25	0	79.94	0	1.11	0	0	9.89	0	0	0	0	0	0	-5.7	-5.7
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	846.74	3.25	0	69.56	0	-0.04	0	0	4.51	0	0	0	0	0	0	-17.97	-17.97
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	996.72	3.25	0	70.97	0	0.01	0	0	4.88	0	0	0	0	0	0	-19.81	-19.81
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1000	3.25	0	71	0	0.01	0	0	4.89	0	0	0	0	0	0	-19.84	-19.84
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1090.3	3.25	0	71.75	0	0.04	0	0	5.1	0	0	0	0	0	0	-20.84	-20.84
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1172.2	3.25	0	72.38	0	0.07	0	0	5.29	0	0	0	0	0	0	-21.69	-21.69
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1244.8	3.25	0	72.9	0	0.1	0	0	5.46	0	0	0	0	0	0	-22.4	-22.4
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1266.7	3.25	0	73.05	0	0.11	0	0	5.51	0	0	0	0	0	0	-22.61	-22.61
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1335.9	3.25	0	73.52	0	0.13	0	0	5.66	0	0	0	0	0	0	-23.25	-23.25
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1369.1	3.25	0	73.73	0	0.15	0	0	5.73	0	0	0	0	0	0	-23.55	-23.55
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1407	3.25	0	73.97	0	0.16	0	0	5.82	0	0	0	0	0	0	-23.89	-23.89
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1527.9	3.25	0	74.68	0	0.21	0	0	6.08	0	0	0	0	0	0	-24.91	-24.91
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1598.1	3.25	0	75.07	0	0.24	0	0	6.23	0	0	0	0	0	0	-25.48	-25.48
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1678.2	3.25	0	75.5	0	0.27	0	0	6.39	0	0	0	0	0	0	-26.1	-26.1
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2596	3.25	0	79.29	0	0.66	0	0	8.16	0	0	0	0	0	0	-32.05	-32.05
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2694.6	3.25	0	79.61	0	0.7	0	0	8.34	0	0	0	0	0	0	-32.59	-32.59
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2714.5	3.25	0	79.67	0	0.71	0	0	8.37	0	0	0	0	0	0	-32.7	-32.7
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2737.3	3.25	0	79.75	0	0.72	0	0	8.41	0	0	0	0	0	0	-32.82	-32.82
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2802.8	3.25	0	79.95	0	0.75	0	0	8.53	0	0	0	0	0	0	-33.17	-33.17
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2884.1	3.25	0	80.2	0	0.78	0	0	8.67	0	0	0	0	0	0	-33.59	-33.59
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2906.4	3.25	0	80.27	0	0.79	0	0	8.71	0	0	0	0	0	0	-33.71	-33.71
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2908.5	3.25	0	80.27	0	0.79	0	0	8.71	0	0	0	0	0	0	-33.72	-33.72
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2984.7	3.25	0	80.5	0	0.82	0	0	8.84	0	0	0	0	0	0	-34.1	-34.1
Value D/N:		0																									
Level D/N:		28.232																									

Receiver: Existing Noise Receptor
ID: R36
X: 521568
Y: 4884275

Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	505.74	3.25	0	65.08	0	-0.55	0	0	8.57	0	0	0	0	0	0	27.21	27.21
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	635.08	3.25	0	67.06	0	-0.45	0	0	9.4	0	0	0	0	0	0	24.31	24.31
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	710.17	3.25	0	68.03	0	-0.41	0	0	9.79	0	0	0	0	0	0	22.9	22.9
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	737.64	3.25	0	68.36	0	-0.39	0	0	9.91	0	0	0	0	0	0	22.43	22.43
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	753.05	3.25	0	68.54	0	-0.38	0	0	9.98	0	0	0	0	0	0	22.17	22.17
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	827.03	3.25	0	69.35	0	-0.34	0	0	10.29	0	0	0	0	0	0	21.01	21.01
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	849.27	3.25	0	69.58	0	-0.32	0	0	10.38	0	0	0	0	0	0	20.68	20.68
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	962.93	3.25	0	70.67	0	-0.26	0	0	10.79	0	0	0	0	0	0	19.12	19.12
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	983.19	3.25	0	70.85	0	-0.25	0	0	10.86	0	0	0	0	0	0	18.86	18.86
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1036.2	3.25	0	71.31	0	-0.23	0	0	11.03	0	0	0	0	0	0	18.2	18.2
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1089.9	3.25	0	71.75	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.57	17.57
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1128.8	3.25	0	72.05	0	-0.19	0	0	11.32	0	0	0	0	0	0	17.13	17.13
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1208.4	3.25	0	72.64	0	-0.15	0	0	11.55	0	0	0	0	0	0	16.27	16.27
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2103.7	3.25	0	77.46	0	0.16	0	0	13.68	0	0	0	0	0	0	9.02	9.02
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2318.9	4.4	0	78.31	0	-0.77	0	0	4.9	0	0	0	0	0	0	18.34	18.34
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2453.7	3.25	0	78.8	0	0.25	0	0	14.37	0	0	0	0	0	0	6.9	6.9
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2601.2	3.25	0	79.3	0	0.28	0	0	14.65	0	0	0	0	0	0	6.08	6.08
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2637.6	3.25	0	79.42	0	0.29	0	0	14.72	0	0	0	0	0	0	5.88	5.88
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2724.9	3.25	0	79.71	0	0.31	0	0	14.88	0	0	0	0	0	0	5.42	5.42
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2789.1	3.25	0	79.91	0	0.32	0	0	14.99	0	0	0	0	0	0	5.09	5.09
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2793.8	3.25	0	79.92	0	0.32	0	0	15	0	0	0	0	0	0	5.06	5.06
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2876.5	3.25	0	80.18	0	0.34	0	0	15.15	0	0	0	0	0	0	4.64	4.64
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	2950	3.25	0	80.4	0	0.35	0	0	15.28	0	0	0	0	0	0	4.28	4.28
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2290.1	3.5	0	78.2	0	3.28	0	0	1.89	0	0	0	0	0	0	13.26	13.26
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2309.1	3.77	0	78.27	0	-0.46	0	0	4.88	0	0	0	0	0	0	4.29	4.29
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2876	3.25	0	80.18	0	1.1	0	0	9.97	0	0	0	0	0	0	-6.01	-6.01
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	503.86	3.25	0	65.05	0	-0.12	0	0	3.56	0	0	0	0	0	0	-12.43	-12.43
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	635.02	3.25	0	67.06	0	-0.1	0	0	3.95	0	0	0	0	0	0	-14.86	-14.86
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	708.89	3.25	0	68.01	0	-0.08	0	0	4.16	0	0	0	0	0	0	-16.03	-16.03
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	741.09	3.25	0	68.4	0	-0.07	0	0	4.24	0	0	0	0	0	0	-16.51	-16.51
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	754.46	3.25	0	68.55	0	-0.07	0	0	4.28	0	0	0	0	0	0	-16.71	-16.71
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	824.27	3.25	0	69.32	0	-0.05	0	0	4.46	0	0	0	0	0	0	-17.67	-17.67
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	845.71	3.25	0	69.54	0	-0.04	0	0	4.51	0	0	0	0	0	0	-17.96	-17.96
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	965.45	3.25	0	70.69	0	0	0	0	4.81	0	0	0	0	0	0	-19.44	-19.44
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	979.25	3.25	0	70.82	0	0	0	0	4.84	0	0	0	0	0	0	-19.6	-19.6
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1033.4	3.25	0	71.29	0	0.02	0	0	4.97	0	0	0	0	0	0	-20.22	-20.22
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1085.7	3.25	0	71.71	0	0.04	0	0	5.09	0	0	0	0	0	0	-20.79	-20.79
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1130.4	3.25	0	72.06	0	0.06	0	0	5.2	0	0	0	0	0	0	-21.26	-21.26
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1205.7	3.25	0	72.62	0	0.09	0	0	5.37	0	0	0	0	0	0	-22.02	-22.02
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2099.4	3.25	0	77.44	0	0.45	0	0	7.24	0	0	0	0	0	0	-29.07	-29.07
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2457.6	3.25	0	78.81	0	0.6	0	0	7.91	0	0	0	0	0	0	-31.26	-31.26
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2605.5	3.25	0	79.32	0	0.66	0	0	8.18	0	0	0	0	0	0	-32.1	-32.1
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2632.9	3.25	0	79.41	0	0.67	0	0	8.23	0	0	0	0	0	0	-32.25	-32.25
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2721.2	3.25	0	79.7	0	0.71	0	0	8.39	0	0	0	0	0	0	-32.73	-32.73
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2793.5	3.25	0	79.92	0	0.74	0	0	8.51	0	0	0	0	0	0	-33.12	-33.12
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2798.8	3.25	0	79.94	0	0.74	0	0	8.52	0	0	0	0	0	0	-33.15	-33.15
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2872.3	3.25	0	80.16	0	0.78	0	0	8.65	0	0	0	0	0	0	-33.53	-33.53
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2879.3	3.25	0	80.19	0	0.78	0	0	8.66	0	0	0	0	0	0	-33.57	-33.57
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	2945.4	3.25	0	80.38	0	0.81	0	0	8.78	0	0	0	0	0	0	-33.91	-33.91
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2997.7	3.25	0	80.54	0	0.83	0	0	8.86	0	0	0	0	0	0	-34.17	-34.17
Value D/N:	0	0																									
Level D/N:	33.1774	33.1774																									

Receiver: Existing Noise Receptor
ID: R37

X: 522275
Y: 4884190
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	690.57	3.25	0	67.78	0	-0.42	0	0	9.69	0	0	0	0	0	0	23.25	23.25
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	827.91	3.25	0	69.36	0	-0.34	0	0	10.29	0	0	0	0	0	0	21	21
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	903.66	3.25	0	70.12	0	-0.29	0	0	10.58	0	0	0	0	0	0	19.91	19.91
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1093.6	3.25	0	71.78	0	-0.2	0	0	11.21	0	0	0	0	0	0	17.53	17.53
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1243	3.25	0	72.89	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.91	15.91
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1268.1	3.25	0	73.06	0	-0.13	0	0	11.72	0	0	0	0	0	0	15.66	15.66
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1361.6	3.25	0	73.68	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.75	14.75
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1408.6	3.25	0	73.98	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.31	14.31
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1459.1	3.25	0	74.28	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.86	13.86
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1500.6	3.25	0	74.53	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.49	13.49
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1570.6	3.25	0	74.92	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.9	12.9
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1601.6	3.25	0	75.09	0	0	0	0	12.57	0	0	0	0	0	0	12.65	12.65
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1621.8	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.48	12.48
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2705.6	3.25	0	79.65	0	0.3	0	0	14.84	0	0	0	0	0	0	5.52	5.52
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2941.2	4.4	0	80.37	0	-0.65	0	0	5.87	0	0	0	0	0	0	15.19	15.19
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2990.1	3.25	0	80.51	0	0.36	0	0	15.35	0	0	0	0	0	0	4.08	4.08
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2915.3	3.5	0	80.29	0	3.4	0	0	2.25	0	0	0	0	0	0	10.68	10.68
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2933.9	3.77	0	80.35	0	-0.32	0	0	5.86	0	0	0	0	0	0	1.09	1.09
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	695.24	3.25	0	67.84	0	-0.08	0	0	4.12	0	0	0	0	0	0	-15.82	-15.82
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	831.56	3.25	0	69.4	0	-0.04	0	0	4.48	0	0	0	0	0	0	-17.77	-17.77
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	898.9	3.25	0	70.07	0	-0.02	0	0	4.64	0	0	0	0	0	0	-18.64	-18.64
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1098.3	3.25	0	71.81	0	0.05	0	0	5.12	0	0	0	0	0	0	-20.92	-20.92
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1248.5	3.25	0	72.93	0	0.1	0	0	5.47	0	0	0	0	0	0	-22.44	-22.44
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1262.9	3.25	0	73.03	0	0.11	0	0	5.5	0	0	0	0	0	0	-22.57	-22.57
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1366.5	3.25	0	73.71	0	0.15	0	0	5.73	0	0	0	0	0	0	-23.53	-23.53
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1403.9	3.25	0	73.95	0	0.16	0	0	5.81	0	0	0	0	0	0	-23.86	-23.86
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1462.8	3.25	0	74.3	0	0.18	0	0	5.94	0	0	0	0	0	0	-24.37	-24.37
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1496.3	3.25	0	74.5	0	0.2	0	0	6.01	0	0	0	0	0	0	-24.65	-24.65
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1565.9	3.25	0	74.9	0	0.23	0	0	6.16	0	0	0	0	0	0	-25.22	-25.22
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1596.9	3.25	0	75.07	0	0.24	0	0	6.22	0	0	0	0	0	0	-25.47	-25.47
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1616.4	3.25	0	75.17	0	0.25	0	0	6.26	0	0	0	0	0	0	-25.62	-25.62
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2700.9	3.25	0	79.63	0	0.7	0	0	8.35	0	0	0	0	0	0	-32.62	-32.62
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2994.5	3.25	0	80.53	0	0.83	0	0	8.86	0	0	0	0	0	0	-34.15	-34.15
Value D/N:		0																									
Level D/N:		28.915																									

Receiver: Existing Noise Receptor
ID: R38
X: 517912
Y: 4883290
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1381.4	3.25	0	73.81	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.56	14.56
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1382.2	3.25	0	73.81	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.56	14.56
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1576.7	4.4	0	74.96	0	-0.87	0	0	3.62	0	0	0	0	0	0	23.07	23.07
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1507.2	3.25	0	74.56	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.44	13.44
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1517.1	3.25	0	74.62	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.35	13.35
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1595.4	3.25	0	75.06	0	0	0	0	12.56	0	0	0	0	0	0	12.7	12.7
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1659.5	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.18	12.18
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1685.8	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.97	11.97
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1730.5	3.25	0	75.76	0	0.05	0	0	12.87	0	0	0	0	0	0	11.63	11.63

Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1841.2	3.25	0	76.3	0	0.08	0	0	13.12	0	0	0	0	0	0	10.81	10.81
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1841.6	3.25	0	76.3	0	0.08	0	0	13.12	0	0	0	0	0	0	10.8	10.8
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1853.5	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.72	10.72
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1933.8	3.25	0	76.73	0	0.11	0	0	13.32	0	0	0	0	0	0	10.15	10.15
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1940	3.25	0	76.76	0	0.11	0	0	13.33	0	0	0	0	0	0	10.11	10.11
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1961.2	3.25	0	76.85	0	0.12	0	0	13.38	0	0	0	0	0	0	9.96	9.96
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2052.6	3.25	0	77.25	0	0.14	0	0	13.57	0	0	0	0	0	0	9.35	9.35
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2059.4	3.25	0	77.27	0	0.15	0	0	13.59	0	0	0	0	0	0	9.31	9.31
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1593.2	3.5	0	75.05	0	3.13	0	0	1.47	0	0	0	0	0	0	16.99	16.99
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2906	3.25	0	80.27	0	0.34	0	0	15.21	0	0	0	0	0	0	4.5	4.5
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2906.9	3.25	0	80.27	0	0.34	0	0	15.21	0	0	0	0	0	0	4.49	4.49
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1577.2	3.77	0	74.96	0	-0.61	0	0	3.62	0	0	0	0	0	0	9	9
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2170	3.25	0	77.73	0	1.17	0	0	9.2	0	0	0	0	0	0	-2.86	-2.86
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1385.7	3.25	0	73.83	0	0.15	0	0	5.77	0	0	0	0	0	0	-23.7	-23.7
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1386.6	3.25	0	73.84	0	0.15	0	0	5.77	0	0	0	0	0	0	-23.71	-23.71
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1501.8	3.25	0	74.53	0	0.2	0	0	6.02	0	0	0	0	0	0	-24.69	-24.69
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1521.9	3.25	0	74.65	0	0.21	0	0	6.06	0	0	0	0	0	0	-24.86	-24.86
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1598.7	3.25	0	75.08	0	0.24	0	0	6.23	0	0	0	0	0	0	-25.48	-25.48
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1664.5	3.25	0	75.43	0	0.26	0	0	6.37	0	0	0	0	0	0	-26	-26
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1691.3	3.25	0	75.56	0	0.28	0	0	6.42	0	0	0	0	0	0	-26.2	-26.2
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1726.2	3.25	0	75.74	0	0.29	0	0	6.49	0	0	0	0	0	0	-26.47	-26.47
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1836	3.25	0	76.28	0	0.34	0	0	6.72	0	0	0	0	0	0	-27.27	-27.27
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1846.6	3.25	0	76.33	0	0.34	0	0	6.74	0	0	0	0	0	0	-27.35	-27.35
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1848.7	3.25	0	76.34	0	0.34	0	0	6.74	0	0	0	0	0	0	-27.36	-27.36
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1938.2	3.25	0	76.75	0	0.38	0	0	6.92	0	0	0	0	0	0	-27.99	-27.99
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1945	3.25	0	76.78	0	0.38	0	0	6.93	0	0	0	0	0	0	-28.04	-28.04
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1955.8	3.25	0	76.83	0	0.39	0	0	6.96	0	0	0	0	0	0	-28.11	-28.11
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2057.6	3.25	0	77.27	0	0.43	0	0	7.16	0	0	0	0	0	0	-28.79	-28.79
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2064.1	3.25	0	77.29	0	0.43	0	0	7.17	0	0	0	0	0	0	-28.84	-28.84
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2165.9	3.25	0	77.71	0	0.47	0	0	7.37	0	0	0	0	0	0	-29.49	-29.49
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2910.9	3.25	0	80.28	0	0.79	0	0	8.72	0	0	0	0	0	0	-33.73	-33.73
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2912.9	3.25	0	80.29	0	0.79	0	0	8.72	0	0	0	0	0	0	-33.74	-33.74
Value D/N:	0																									
Level D/N:	27.1318	27.1318																								

Receiver: Existing Noise Receptor
ID: R39
X: 520132
Y: 4883347
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	402.94	3.25	0	63.1	0	-0.62	0	0	7.65	0	0	0	0	0	0	30.17	30.17
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	651.13	4.4	0	67.27	0	-0.86	0	0	1.78	0	0	0	0	0	0	32.58	32.58
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	694.88	3.25	0	67.84	0	-0.41	0	0	9.71	0	0	0	0	0	0	23.18	23.18
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	735.7	3.25	0	68.33	0	-0.39	0	0	9.9	0	0	0	0	0	0	22.46	22.46
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	780.51	3.25	0	68.85	0	-0.36	0	0	10.1	0	0	0	0	0	0	21.73	21.73
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	860.69	3.25	0	69.7	0	-0.32	0	0	10.42	0	0	0	0	0	0	20.51	20.51
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	894.31	3.25	0	70.03	0	-0.3	0	0	10.54	0	0	0	0	0	0	20.04	20.04
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	896.14	3.25	0	70.05	0	-0.3	0	0	10.55	0	0	0	0	0	0	20.01	20.01
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	944.18	3.25	0	70.5	0	-0.27	0	0	10.72	0	0	0	0	0	0	19.36	19.36
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	630.37	3.5	0	66.99	0	2.44	0	0	0.81	0	0	0	0	0	0	26.38	26.38
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	979.4	3.25	0	70.82	0	-0.26	0	0	10.84	0	0	0	0	0	0	18.91	18.91
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1035.4	3.25	0	71.3	0	-0.23	0	0	11.03	0	0	0	0	0	0	18.21	18.21
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1064.2	3.25	0	71.54	0	-0.22	0	0	11.12	0	0	0	0	0	0	17.87	17.87
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1070.8	3.25	0	71.59	0	-0.21	0	0	11.14	0	0	0	0	0	0	17.79	17.79
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1070.9	3.25	0	71.6	0	-0.21	0	0	11.14	0	0	0	0	0	0	17.79	17.79
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1087.6	3.25	0	71.73	0	-0.2	0	0	11.19	0	0	0	0	0	0	17.6	17.6

Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1141.5	3.25	0	72.15	0	-0.18	0	0	11.35	0	0	0	0	0	0	16.99	16.99
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1142.5	3.25	0	72.16	0	-0.18	0	0	11.36	0	0	0	0	0	0	16.98	16.98
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1259.8	3.25	0	73.01	0	-0.13	0	0	11.69	0	0	0	0	0	0	15.74	15.74
Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1269.9	3.25	0	73.08	0	-0.12	0	0	11.72	0	0	0	0	0	0	15.64	15.64
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1276.8	3.25	0	73.12	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.57	15.57
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1293.6	3.25	0	73.24	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.4	15.4
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1424.4	3.25	0	74.07	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.17	14.17
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1455.8	3.25	0	74.26	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.89	13.89
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1460.8	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.84	13.84
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1545.2	3.25	0	74.78	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.11	13.11
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1560.1	3.25	0	74.86	0	-0.01	0	0	12.47	0	0	0	0	0	0	12.99	12.99
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1593.8	3.25	0	75.05	0	0	0	0	12.55	0	0	0	0	0	0	12.71	12.71
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1600.1	3.25	0	75.08	0	0	0	0	12.57	0	0	0	0	0	0	12.66	12.66
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1640.9	3.25	0	75.3	0	0.02	0	0	12.66	0	0	0	0	0	0	12.33	12.33
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1708.8	3.25	0	75.65	0	0.04	0	0	12.82	0	0	0	0	0	0	11.8	11.8
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	647.53	3.77	0	67.23	0	-0.69	0	0	1.77	0	0	0	0	0	0	18.67	18.67
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1336.7	3.25	0	73.52	0	1.17	0	0	8.18	0	0	0	0	0	0	2.37	2.37
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	398.23	3.25	0	63	0	-0.11	0	0	3.2	0	0	0	0	0	0	-10.03	-10.03
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	700.75	3.25	0	67.91	0	-0.08	0	0	4.14	0	0	0	0	0	0	-15.91	-15.91
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	740.2	3.25	0	68.39	0	-0.07	0	0	4.24	0	0	0	0	0	0	-16.5	-16.5
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	783.45	3.25	0	68.88	0	-0.06	0	0	4.35	0	0	0	0	0	0	-17.12	-17.12
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	865.68	3.25	0	69.75	0	-0.03	0	0	4.56	0	0	0	0	0	0	-18.22	-18.22
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	898.96	3.25	0	70.07	0	-0.02	0	0	4.64	0	0	0	0	0	0	-18.64	-18.64
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	902.06	3.25	0	70.1	0	-0.02	0	0	4.65	0	0	0	0	0	0	-18.68	-18.68
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	940.04	3.25	0	70.46	0	-0.01	0	0	4.74	0	0	0	0	0	0	-19.14	-19.14
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	982.1	3.25	0	70.84	0	0.01	0	0	4.85	0	0	0	0	0	0	-19.64	-19.64
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1029.4	3.25	0	71.25	0	0.02	0	0	4.96	0	0	0	0	0	0	-20.17	-20.17
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1058.5	3.25	0	71.49	0	0.03	0	0	5.03	0	0	0	0	0	0	-20.5	-20.5
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1065.8	3.25	0	71.55	0	0.03	0	0	5.05	0	0	0	0	0	0	-20.58	-20.58
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1076.8	3.25	0	71.64	0	0.04	0	0	5.07	0	0	0	0	0	0	-20.69	-20.69
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1092.3	3.25	0	71.77	0	0.04	0	0	5.11	0	0	0	0	0	0	-20.86	-20.86
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1140.6	3.25	0	72.14	0	0.06	0	0	5.22	0	0	0	0	0	0	-21.37	-21.37
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1144.7	3.25	0	72.17	0	0.06	0	0	5.23	0	0	0	0	0	0	-21.41	-21.41
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1257	3.25	0	72.99	0	0.1	0	0	5.48	0	0	0	0	0	0	-22.52	-22.52
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1266	3.25	0	73.05	0	0.11	0	0	5.5	0	0	0	0	0	0	-22.6	-22.6
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1271	3.25	0	73.08	0	0.11	0	0	5.52	0	0	0	0	0	0	-22.65	-22.65
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1289.6	3.25	0	73.21	0	0.12	0	0	5.56	0	0	0	0	0	0	-22.83	-22.83
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1338.3	3.25	0	73.53	0	0.14	0	0	5.67	0	0	0	0	0	0	-23.27	-23.27
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1420.3	3.25	0	74.05	0	0.17	0	0	5.85	0	0	0	0	0	0	-24	-24
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1458.4	3.25	0	74.28	0	0.18	0	0	5.93	0	0	0	0	0	0	-24.33	-24.33
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1461.7	3.25	0	74.3	0	0.18	0	0	5.94	0	0	0	0	0	0	-24.36	-24.36
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1540.6	3.25	0	74.75	0	0.21	0	0	6.1	0	0	0	0	0	0	-25.01	-25.01
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1557.4	3.25	0	74.85	0	0.22	0	0	6.14	0	0	0	0	0	0	-25.15	-25.15
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1594.6	3.25	0	75.05	0	0.24	0	0	6.22	0	0	0	0	0	0	-25.45	-25.45
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1597.5	3.25	0	75.07	0	0.24	0	0	6.22	0	0	0	0	0	0	-25.47	-25.47
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1635.3	3.25	0	75.27	0	0.25	0	0	6.3	0	0	0	0	0	0	-25.77	-25.77
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1705.4	3.25	0	75.64	0	0.28	0	0	6.45	0	0	0	0	0	0	-26.31	-26.31
Value D/N: 0	0																									
Level D/N: 37.0836	37.0836																									

Receiver: Existing Noise Receptor
ID: R40
X: 518629
Y: 4881104
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1047.7	3.25	0	71.4	0	-0.22	0	0	11.07	0	0	0	0	0	0	18.06	18.06

Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1115.4	3.25	0	71.95	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.28	17.28
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1147.7	3.25	0	72.2	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.92	16.92
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1282	3.25	0	73.16	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.52	15.52
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1298.6	3.25	0	73.27	0	-0.11	0	0	11.8	0	0	0	0	0	0	15.35	15.35
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1341.3	3.25	0	73.55	0	-0.09	0	0	11.92	0	0	0	0	0	0	14.94	14.94
Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1447.5	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.96	13.96
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1452.3	3.25	0	74.24	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.92	13.92
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1542.8	3.25	0	74.77	0	-0.02	0	0	12.43	0	0	0	0	0	0	13.13	13.13
Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1558.9	3.25	0	74.86	0	-0.01	0	0	12.47	0	0	0	0	0	0	13	13
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1598.8	3.25	0	75.08	0	0	0	0	12.57	0	0	0	0	0	0	12.67	12.67
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1693.8	3.25	0	75.58	0	0.03	0	0	12.79	0	0	0	0	0	0	11.91	11.91
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1732.9	3.25	0	75.78	0	0.05	0	0	12.88	0	0	0	0	0	0	11.61	11.61
Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1777.8	3.25	0	76	0	0.06	0	0	12.98	0	0	0	0	0	0	11.27	11.27
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1920.3	3.25	0	76.67	0	0.11	0	0	13.29	0	0	0	0	0	0	10.25	10.25
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2311.2	4.4	0	78.28	0	-0.77	0	0	4.88	0	0	0	0	0	0	18.38	18.38
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2389.4	3.25	0	78.57	0	0.23	0	0	14.25	0	0	0	0	0	0	7.27	7.27
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2346.3	3.5	0	78.41	0	3.29	0	0	1.93	0	0	0	0	0	0	13	13
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1456.6	3.25	0	74.27	0	1.18	0	0	8.34	0	0	0	0	0	0	1.46	1.46
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2330.6	3.77	0	78.35	0	-0.46	0	0	4.92	0	0	0	0	0	0	4.17	4.17
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1049.3	3.25	0	71.42	0	0.03	0	0	5.01	0	0	0	0	0	0	-20.4	-20.4
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1112.5	3.25	0	71.93	0	0.05	0	0	5.15	0	0	0	0	0	0	-21.07	-21.07
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1151.3	3.25	0	72.22	0	0.07	0	0	5.24	0	0	0	0	0	0	-21.47	-21.47
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1286.2	3.25	0	73.19	0	0.12	0	0	5.55	0	0	0	0	0	0	-22.79	-22.79
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1300	3.25	0	73.28	0	0.12	0	0	5.58	0	0	0	0	0	0	-22.92	-22.92
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1343.2	3.25	0	73.56	0	0.14	0	0	5.68	0	0	0	0	0	0	-23.32	-23.32
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1450.3	3.25	0	74.23	0	0.18	0	0	5.91	0	0	0	0	0	0	-24.26	-24.26
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1452.9	3.25	0	74.24	0	0.18	0	0	5.92	0	0	0	0	0	0	-24.28	-24.28
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1456	3.25	0	74.26	0	0.18	0	0	5.92	0	0	0	0	0	0	-24.31	-24.31
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1544.3	3.25	0	74.77	0	0.22	0	0	6.11	0	0	0	0	0	0	-25.04	-25.04
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1555.5	3.25	0	74.84	0	0.22	0	0	6.14	0	0	0	0	0	0	-25.14	-25.14
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1602.4	3.25	0	75.1	0	0.24	0	0	6.24	0	0	0	0	0	0	-25.51	-25.51
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1691.5	3.25	0	75.57	0	0.28	0	0	6.42	0	0	0	0	0	0	-26.2	-26.2
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1729.2	3.25	0	75.76	0	0.29	0	0	6.5	0	0	0	0	0	0	-26.49	-26.49
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1780.7	3.25	0	76.01	0	0.31	0	0	6.6	0	0	0	0	0	0	-26.87	-26.87
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1917.5	3.25	0	76.65	0	0.37	0	0	6.88	0	0	0	0	0	0	-27.85	-27.85
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2391.7	3.25	0	78.57	0	0.57	0	0	7.79	0	0	0	0	0	0	-30.88	-30.88
Value D/N: 0	0																								
Level D/N: 27.2318	27.2318																								

Receiver: Existing Noise Receptor
ID: R41
X: 518620
Y: 4881578
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	623.78	3.25	0	66.9	0	-0.46	0	0	9.34	0	0	0	0	0	0	24.53	24.53
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	739.18	3.25	0	68.37	0	-0.39	0	0	9.92	0	0	0	0	0	0	22.4	22.4
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	841.7	3.25	0	69.5	0	-0.33	0	0	10.35	0	0	0	0	0	0	20.79	20.79
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	849.2	3.25	0	69.58	0	-0.32	0	0	10.38	0	0	0	0	0	0	20.68	20.68
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	919.08	3.25	0	70.27	0	-0.29	0	0	10.63	0	0	0	0	0	0	19.7	19.7
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1009.9	3.25	0	71.09	0	-0.24	0	0	10.94	0	0	0	0	0	0	18.52	18.52
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1057.2	3.25	0	71.48	0	-0.22	0	0	11.1	0	0	0	0	0	0	17.95	17.95
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1103.9	3.25	0	71.86	0	-0.2	0	0	11.24	0	0	0	0	0	0	17.41	17.41
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1130.5	3.25	0	72.07	0	-0.18	0	0	11.32	0	0	0	0	0	0	17.11	17.11
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1206.5	3.25	0	72.63	0	-0.15	0	0	11.54	0	0	0	0	0	0	16.29	16.29
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1274.6	3.25	0	73.11	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.59	15.59
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1295.3	3.25	0	73.25	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.39	15.39

Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1385.6	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.52	14.52
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1396.8	3.25	0	73.9	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.42	14.42
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1550.4	3.25	0	74.81	0	-0.02	0	0	12.45	0	0	0	0	0	0	13.07	13.07
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1883.6	4.4	0	76.5	0	-0.83	0	0	4.17	0	0	0	0	0	0	20.94	20.94
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1988.6	3.25	0	76.97	0	0.13	0	0	13.44	0	0	0	0	0	0	9.78	9.78
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2893.4	3.25	0	80.23	0	0.34	0	0	15.18	0	0	0	0	0	0	4.56	4.56
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2908.7	3.25	0	80.27	0	0.34	0	0	15.21	0	0	0	0	0	0	4.48	4.48
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1918.9	3.5	0	76.66	0	3.2	0	0	1.67	0	0	0	0	0	0	15.1	15.1
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2998.6	3.25	0	80.54	0	0.36	0	0	15.37	0	0	0	0	0	0	4.04	4.04
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1201	3.25	0	72.59	0	1.16	0	0	7.99	0	0	0	0	0	0	3.5	3.5
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1902.2	3.77	0	76.59	0	-0.55	0	0	4.2	0	0	0	0	0	0	6.74	6.74
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	626.59	3.25	0	66.94	0	-0.1	0	0	3.93	0	0	0	0	0	0	-14.71	-14.71
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	734.84	3.25	0	68.32	0	-0.07	0	0	4.23	0	0	0	0	0	0	-16.42	-16.42
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	846.62	3.25	0	69.55	0	-0.04	0	0	4.51	0	0	0	0	0	0	-17.97	-17.97
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	851.47	3.25	0	69.6	0	-0.04	0	0	4.53	0	0	0	0	0	0	-18.03	-18.03
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	922.05	3.25	0	70.3	0	-0.01	0	0	4.7	0	0	0	0	0	0	-18.92	-18.92
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1015.3	3.25	0	71.13	0	0.02	0	0	4.93	0	0	0	0	0	0	-20.02	-20.02
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1061.1	3.25	0	71.52	0	0.03	0	0	5.03	0	0	0	0	0	0	-20.52	-20.52
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1106.1	3.25	0	71.88	0	0.05	0	0	5.14	0	0	0	0	0	0	-21.01	-21.01
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1135.4	3.25	0	72.1	0	0.06	0	0	5.21	0	0	0	0	0	0	-21.31	-21.31
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1196.5	3.25	0	72.56	0	0.08	0	0	5.35	0	0	0	0	0	0	-21.93	-21.93
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1202.1	3.25	0	72.6	0	0.08	0	0	5.36	0	0	0	0	0	0	-21.98	-21.98
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1271.5	3.25	0	73.09	0	0.11	0	0	5.52	0	0	0	0	0	0	-22.66	-22.66
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1299.9	3.25	0	73.28	0	0.12	0	0	5.58	0	0	0	0	0	0	-22.92	-22.92
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1389.3	3.25	0	73.86	0	0.16	0	0	5.78	0	0	0	0	0	0	-23.73	-23.73
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1392.2	3.25	0	73.87	0	0.16	0	0	5.78	0	0	0	0	0	0	-23.76	-23.76
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1547	3.25	0	74.79	0	0.22	0	0	6.12	0	0	0	0	0	0	-25.07	-25.07
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1991.5	3.25	0	76.98	0	0.4	0	0	7.03	0	0	0	0	0	0	-28.35	-28.35
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2898.4	3.25	0	80.24	0	0.79	0	0	8.69	0	0	0	0	0	0	-33.67	-33.67
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2913.2	3.25	0	80.29	0	0.79	0	0	8.72	0	0	0	0	0	0	-33.74	-33.74
Value D/N: 0	0																								
Level D/N: 31.4587	31.4587																								

Receiver: Existing Noise Receptor
ID: R42
X: 518565
Y: 4882221
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	400.77	3.25	0	63.06	0	-0.62	0	0	7.63	0	0	0	0	0	0	30.24	30.24
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	423.2	3.25	0	63.53	0	-0.61	0	0	7.86	0	0	0	0	0	0	29.53	29.53
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	559.77	3.25	0	65.96	0	-0.51	0	0	8.95	0	0	0	0	0	0	25.91	25.91
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	606.01	3.25	0	66.65	0	-0.47	0	0	9.24	0	0	0	0	0	0	24.9	24.9
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	636.52	3.25	0	67.08	0	-0.45	0	0	9.41	0	0	0	0	0	0	24.28	24.28
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	756.01	3.25	0	68.57	0	-0.38	0	0	9.99	0	0	0	0	0	0	22.12	22.12
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	816.34	3.25	0	69.24	0	-0.34	0	0	10.25	0	0	0	0	0	0	21.17	21.17
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	845.57	3.25	0	69.54	0	-0.33	0	0	10.36	0	0	0	0	0	0	20.73	20.73
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	965.21	3.25	0	70.69	0	-0.26	0	0	10.79	0	0	0	0	0	0	19.09	19.09
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	975.1	3.25	0	70.78	0	-0.26	0	0	10.83	0	0	0	0	0	0	18.96	18.96
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	986.54	3.25	0	70.88	0	-0.25	0	0	10.87	0	0	0	0	0	0	18.82	18.82
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1015.7	3.25	0	71.14	0	-0.24	0	0	10.96	0	0	0	0	0	0	18.45	18.45
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1140.3	3.25	0	72.14	0	-0.18	0	0	11.35	0	0	0	0	0	0	17	17
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1156.4	3.25	0	72.26	0	-0.17	0	0	11.4	0	0	0	0	0	0	16.83	16.83
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1214.1	3.25	0	72.68	0	-0.15	0	0	11.57	0	0	0	0	0	0	16.21	16.21
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1382.1	4.4	0	73.81	0	-0.89	0	0	3.26	0	0	0	0	0	0	24.59	24.59
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1547	3.25	0	74.79	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.1	13.1
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1416.5	3.5	0	74.02	0	3.09	0	0	1.35	0	0	0	0	0	0	18.16	18.16

Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2580.6	3.25	0	79.23	0	0.28	0	0	14.61	0	0	0	0	0	0	6.19	6.19
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2639.3	3.25	0	79.43	0	0.29	0	0	14.72	0	0	0	0	0	0	5.87	5.87
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2657.7	3.25	0	79.49	0	0.29	0	0	14.75	0	0	0	0	0	0	5.78	5.78
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2703	3.25	0	79.64	0	0.3	0	0	14.84	0	0	0	0	0	0	5.54	5.54
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2806.1	3.25	0	79.96	0	0.32	0	0	15.03	0	0	0	0	0	0	5	5
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2808.9	3.25	0	79.97	0	0.32	0	0	15.03	0	0	0	0	0	0	4.99	4.99
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2855.7	3.25	0	80.11	0	0.33	0	0	15.11	0	0	0	0	0	0	4.75	4.75
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2934.2	3.25	0	80.35	0	0.35	0	0	15.26	0	0	0	0	0	0	4.36	4.36
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2959.9	3.25	0	80.43	0	0.35	0	0	15.3	0	0	0	0	0	0	4.23	4.23
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1398	3.77	0	73.91	0	-0.64	0	0	3.29	0	0	0	0	0	0	10.41	10.41
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1155.9	3.25	0	72.26	0	1.16	0	0	7.93	0	0	0	0	0	0	3.9	3.9
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	406.38	3.25	0	63.18	0	-0.11	0	0	3.23	0	0	0	0	0	0	-10.24	-10.24
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	427.98	3.25	0	63.63	0	-0.12	0	0	3.31	0	0	0	0	0	0	-10.76	-10.76
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	565.49	3.25	0	66.05	0	-0.11	0	0	3.75	0	0	0	0	0	0	-13.63	-13.63
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	600.16	3.25	0	66.57	0	-0.1	0	0	3.86	0	0	0	0	0	0	-14.26	-14.26
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	640.69	3.25	0	67.13	0	-0.1	0	0	3.97	0	0	0	0	0	0	-14.95	-14.95
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	761.86	3.25	0	68.64	0	-0.06	0	0	4.3	0	0	0	0	0	0	-16.81	-16.81
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	821.88	3.25	0	69.3	0	-0.05	0	0	4.45	0	0	0	0	0	0	-17.64	-17.64
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	840.48	3.25	0	69.49	0	-0.04	0	0	4.5	0	0	0	0	0	0	-17.89	-17.89
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	959.3	3.25	0	70.64	0	0	0	0	4.79	0	0	0	0	0	0	-19.37	-19.37
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	981.1	3.25	0	70.83	0	0.01	0	0	4.84	0	0	0	0	0	0	-19.63	-19.63
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	992.41	3.25	0	70.93	0	0.01	0	0	4.87	0	0	0	0	0	0	-19.76	-19.76
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1021.1	3.25	0	71.18	0	0.02	0	0	4.94	0	0	0	0	0	0	-20.08	-20.08
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1146	3.25	0	72.18	0	0.06	0	0	5.23	0	0	0	0	0	0	-21.42	-21.42
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1150.5	3.25	0	72.22	0	0.07	0	0	5.24	0	0	0	0	0	0	-21.47	-21.47
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1150.9	3.25	0	72.22	0	0.07	0	0	5.24	0	0	0	0	0	0	-21.47	-21.47
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1209.5	3.25	0	72.65	0	0.09	0	0	5.38	0	0	0	0	0	0	-22.06	-22.06
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1550.8	3.25	0	74.81	0	0.22	0	0	6.13	0	0	0	0	0	0	-25.1	-25.1
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2585.8	3.25	0	79.25	0	0.65	0	0	8.14	0	0	0	0	0	0	-31.99	-31.99
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2644.9	3.25	0	79.45	0	0.68	0	0	8.25	0	0	0	0	0	0	-32.32	-32.32
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2661.9	3.25	0	79.5	0	0.69	0	0	8.28	0	0	0	0	0	0	-32.41	-32.41
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2707.5	3.25	0	79.65	0	0.71	0	0	8.36	0	0	0	0	0	0	-32.66	-32.66
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2804.2	3.25	0	79.96	0	0.75	0	0	8.53	0	0	0	0	0	0	-33.18	-33.18
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2810.4	3.25	0	79.98	0	0.75	0	0	8.54	0	0	0	0	0	0	-33.21	-33.21
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2850.3	3.25	0	80.1	0	0.77	0	0	8.61	0	0	0	0	0	0	-33.42	-33.42
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2939.5	3.25	0	80.37	0	0.8	0	0	8.77	0	0	0	0	0	0	-33.88	-33.88
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2954.7	3.25	0	80.41	0	0.81	0	0	8.79	0	0	0	0	0	0	-33.95	-33.95
Value D/N: 0	0																								
Level D/N: 36.2296	36.2296																								

Receiver: Existing Noise Receptor
ID: R43
X: 518406
Y: 4882721
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	640.96	3.25	0	67.14	0	-0.45	0	0	9.44	0	0	0	0	0	0	24.19	24.19
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	703.33	3.25	0	67.94	0	-0.41	0	0	9.75	0	0	0	0	0	0	23.02	23.02
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	790.91	3.25	0	68.96	0	-0.36	0	0	10.14	0	0	0	0	0	0	21.56	21.56
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	841.93	3.25	0	69.51	0	-0.33	0	0	10.35	0	0	0	0	0	0	20.79	20.79
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	879.72	3.25	0	69.89	0	-0.31	0	0	10.49	0	0	0	0	0	0	20.24	20.24
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	957.87	3.25	0	70.63	0	-0.27	0	0	10.77	0	0	0	0	0	0	19.18	19.18
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	982.07	3.25	0	70.84	0	-0.26	0	0	10.85	0	0	0	0	0	0	18.87	18.87
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1073.4	3.25	0	71.62	0	-0.21	0	0	11.15	0	0	0	0	0	0	17.76	17.76
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1204.4	4.4	0	72.62	0	-0.9	0	0	2.93	0	0	0	0	0	0	26.14	26.14
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1159.5	3.25	0	72.29	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.79	16.79
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1189.7	3.25	0	72.51	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.47	16.47

Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1233.8	3.25	0	72.82	0	-0.14	0	0	11.62	0	0	0	0	0	0	16.01	16.01
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1268	3.25	0	73.06	0	-0.13	0	0	11.72	0	0	0	0	0	0	15.66	15.66
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1312	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.22	15.22
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1326.8	3.25	0	73.46	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.08	15.08
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1367.7	3.25	0	73.72	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.69	14.69
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1433.1	3.25	0	74.13	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.09	14.09
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1233.4	3.5	0	72.82	0	3.04	0	0	1.23	0	0	0	0	0	0	19.54	19.54
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2525.9	3.25	0	79.05	0	0.26	0	0	14.51	0	0	0	0	0	0	6.49	6.49
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2568.7	3.25	0	79.19	0	0.27	0	0	14.59	0	0	0	0	0	0	6.26	6.26
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2653.6	3.25	0	79.48	0	0.29	0	0	14.75	0	0	0	0	0	0	5.8	5.8
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2675.6	3.25	0	79.55	0	0.3	0	0	14.79	0	0	0	0	0	0	5.68	5.68
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2730	3.25	0	79.72	0	0.31	0	0	14.89	0	0	0	0	0	0	5.39	5.39
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2830.6	3.25	0	80.04	0	0.33	0	0	15.07	0	0	0	0	0	0	4.88	4.88
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2842.3	3.25	0	80.07	0	0.33	0	0	15.09	0	0	0	0	0	0	4.82	4.82
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2897.7	3.25	0	80.24	0	0.34	0	0	15.19	0	0	0	0	0	0	4.54	4.54
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2899.7	3.25	0	80.25	0	0.34	0	0	15.19	0	0	0	0	0	0	4.53	4.53
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1214.3	3.77	0	72.69	0	-0.66	0	0	2.94	0	0	0	0	0	0	12.01	12.01
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1455.7	3.25	0	74.26	0	1.18	0	0	8.34	0	0	0	0	0	0	1.46	1.46
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	645.96	3.25	0	67.2	0	-0.09	0	0	3.99	0	0	0	0	0	0	-15.04	-15.04
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	708.22	3.25	0	68	0	-0.08	0	0	4.16	0	0	0	0	0	0	-16.02	-16.02
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	796.3	3.25	0	69.02	0	-0.05	0	0	4.39	0	0	0	0	0	0	-17.3	-17.3
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	845.28	3.25	0	69.54	0	-0.04	0	0	4.51	0	0	0	0	0	0	-17.95	-17.95
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	873.74	3.25	0	69.83	0	-0.03	0	0	4.58	0	0	0	0	0	0	-18.32	-18.32
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	963.49	3.25	0	70.68	0	0	0	0	4.8	0	0	0	0	0	0	-19.42	-19.42
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	977.5	3.25	0	70.8	0	0	0	0	4.84	0	0	0	0	0	0	-19.58	-19.58
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1079.4	3.25	0	71.66	0	0.04	0	0	5.08	0	0	0	0	0	0	-20.72	-20.72
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1153.7	3.25	0	72.24	0	0.07	0	0	5.25	0	0	0	0	0	0	-21.5	-21.5
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1194.3	3.25	0	72.54	0	0.08	0	0	5.34	0	0	0	0	0	0	-21.91	-21.91
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1239.3	3.25	0	72.86	0	0.1	0	0	5.44	0	0	0	0	0	0	-22.35	-22.35
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1263	3.25	0	73.03	0	0.11	0	0	5.5	0	0	0	0	0	0	-22.57	-22.57
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1306.2	3.25	0	73.32	0	0.12	0	0	5.59	0	0	0	0	0	0	-22.98	-22.98
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1331.9	3.25	0	73.49	0	0.13	0	0	5.65	0	0	0	0	0	0	-23.22	-23.22
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1373.2	3.25	0	73.75	0	0.15	0	0	5.74	0	0	0	0	0	0	-23.59	-23.59
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1437.8	3.25	0	74.15	0	0.17	0	0	5.88	0	0	0	0	0	0	-24.15	-24.15
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1451.2	3.25	0	74.23	0	0.18	0	0	5.91	0	0	0	0	0	0	-24.27	-24.27
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2531.6	3.25	0	79.07	0	0.63	0	0	8.05	0	0	0	0	0	0	-31.69	-31.69
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2573.4	3.25	0	79.21	0	0.65	0	0	8.12	0	0	0	0	0	0	-31.92	-31.92
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2659.5	3.25	0	79.5	0	0.68	0	0	8.28	0	0	0	0	0	0	-32.4	-32.4
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2680.4	3.25	0	79.56	0	0.69	0	0	8.31	0	0	0	0	0	0	-32.51	-32.51
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2734.7	3.25	0	79.74	0	0.72	0	0	8.41	0	0	0	0	0	0	-32.81	-32.81
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2825.6	3.25	0	80.02	0	0.76	0	0	8.57	0	0	0	0	0	0	-33.29	-33.29
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2836.5	3.25	0	80.06	0	0.76	0	0	8.59	0	0	0	0	0	0	-33.34	-33.34
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2894	3.25	0	80.23	0	0.78	0	0	8.69	0	0	0	0	0	0	-33.64	-33.64
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2903.5	3.25	0	80.26	0	0.79	0	0	8.7	0	0	0	0	0	0	-33.69	-33.69
Value D/N:	0	0																								
Level D/N:	32.7664	32.7664																								

Receiver: Existing Noise Receptor
ID: R44
X: 520403
Y: 4883908
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	456.89	3.25	0	64.2	0	-0.58	0	0	8.17	0	0	0	0	0	0	28.53	28.53
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	584.82	3.25	0	66.34	0	-0.49	0	0	9.11	0	0	0	0	0	0	25.35	25.35
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	603.71	3.25	0	66.62	0	-0.48	0	0	9.23	0	0	0	0	0	0	24.95	24.95
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	766.57	3.25	0	68.69	0	-0.37	0	0	10.04	0	0	0	0	0	0	21.95	21.95

Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	780.19	3.25	0	68.84	0	-0.36	0	0	10.1	0	0	0	0	0	0	21.73	21.73
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	863.42	3.25	0	69.72	0	-0.32	0	0	10.43	0	0	0	0	0	0	20.47	20.47
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	916.65	3.25	0	70.24	0	-0.29	0	0	10.63	0	0	0	0	0	0	19.73	19.73
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	936.5	3.25	0	70.43	0	-0.28	0	0	10.7	0	0	0	0	0	0	19.46	19.46
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	952.28	3.25	0	70.58	0	-0.27	0	0	10.75	0	0	0	0	0	0	19.26	19.26
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1054.9	3.25	0	71.46	0	-0.22	0	0	11.09	0	0	0	0	0	0	17.98	17.98
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1056.1	3.25	0	71.47	0	-0.22	0	0	11.09	0	0	0	0	0	0	17.97	17.97
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1127.1	4.4	0	72.04	0	-0.9	0	0	2.77	0	0	0	0	0	0	26.87	26.87
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1185.7	3.25	0	72.48	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.51	16.51
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1314.3	3.25	0	73.37	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.2	15.2
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1352.3	3.25	0	73.62	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.83	14.83
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1398.1	3.25	0	73.91	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.41	14.41
Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1548.6	3.25	0	74.8	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.08	13.08
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1602.4	3.25	0	75.1	0	0	0	0	12.57	0	0	0	0	0	0	12.64	12.64
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1671.7	3.25	0	75.46	0	0.03	0	0	12.74	0	0	0	0	0	0	12.08	12.08
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1095.4	3.5	0	71.79	0	2.97	0	0	1.14	0	0	0	0	0	0	20.72	20.72
Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1761.6	3.25	0	75.92	0	0.06	0	0	12.94	0	0	0	0	0	0	11.39	11.39
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1764.6	3.25	0	75.93	0	0.06	0	0	12.95	0	0	0	0	0	0	11.37	11.37
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1868.3	3.25	0	76.43	0	0.09	0	0	13.18	0	0	0	0	0	0	10.61	10.61
Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1878.7	3.25	0	76.48	0	0.09	0	0	13.2	0	0	0	0	0	0	10.54	10.54
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1882.5	3.25	0	76.49	0	0.09	0	0	13.21	0	0	0	0	0	0	10.51	10.51
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	2020.7	3.25	0	77.11	0	0.14	0	0	13.51	0	0	0	0	0	0	9.56	9.56
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2083.7	3.25	0	77.38	0	0.15	0	0	13.64	0	0	0	0	0	0	9.15	9.15
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2127	3.25	0	77.56	0	0.16	0	0	13.73	0	0	0	0	0	0	8.87	8.87
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	2181.9	3.25	0	77.78	0	0.18	0	0	13.84	0	0	0	0	0	0	8.52	8.52
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2207.1	3.25	0	77.88	0	0.19	0	0	13.89	0	0	0	0	0	0	8.36	8.36
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	2311.6	3.25	0	78.28	0	0.21	0	0	14.09	0	0	0	0	0	0	7.73	7.73
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1114.6	3.77	0	71.94	0	-0.68	0	0	2.75	0	0	0	0	0	0	12.96	12.96
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1956.1	3.25	0	76.83	0	1.18	0	0	8.96	0	0	0	0	0	0	-1.72	-1.72
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	461.17	3.25	0	64.28	0	-0.12	0	0	3.42	0	0	0	0	0	0	-11.52	-11.52
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	589.03	3.25	0	66.4	0	-0.11	0	0	3.82	0	0	0	0	0	0	-14.06	-14.06
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	608.35	3.25	0	66.68	0	-0.1	0	0	3.88	0	0	0	0	0	0	-14.4	-14.4
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	770.4	3.25	0	68.73	0	-0.06	0	0	4.32	0	0	0	0	0	0	-16.93	-16.93
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	774.48	3.25	0	68.78	0	-0.06	0	0	4.33	0	0	0	0	0	0	-16.99	-16.99
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	868.85	3.25	0	69.78	0	-0.03	0	0	4.57	0	0	0	0	0	0	-18.26	-18.26
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	911.66	3.25	0	70.2	0	-0.02	0	0	4.67	0	0	0	0	0	0	-18.8	-18.8
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	940.44	3.25	0	70.47	0	-0.01	0	0	4.75	0	0	0	0	0	0	-19.15	-19.15
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	948.87	3.25	0	70.54	0	-0.01	0	0	4.77	0	0	0	0	0	0	-19.25	-19.25
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1050.6	3.25	0	71.43	0	0.03	0	0	5.01	0	0	0	0	0	0	-20.41	-20.41
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1051.2	3.25	0	71.43	0	0.03	0	0	5.01	0	0	0	0	0	0	-20.42	-20.42
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1191.5	3.25	0	72.52	0	0.08	0	0	5.34	0	0	0	0	0	0	-21.88	-21.88
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1308.4	3.25	0	73.33	0	0.12	0	0	5.6	0	0	0	0	0	0	-23	-23
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1346.9	3.25	0	73.59	0	0.14	0	0	5.68	0	0	0	0	0	0	-23.35	-23.35
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1400.7	3.25	0	73.93	0	0.16	0	0	5.8	0	0	0	0	0	0	-23.83	-23.83
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1545	3.25	0	74.78	0	0.22	0	0	6.11	0	0	0	0	0	0	-25.05	-25.05
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1605.1	3.25	0	75.11	0	0.24	0	0	6.24	0	0	0	0	0	0	-25.53	-25.53
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1675.8	3.25	0	75.48	0	0.27	0	0	6.39	0	0	0	0	0	0	-26.08	-26.08
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1762.6	3.25	0	75.92	0	0.31	0	0	6.57	0	0	0	0	0	0	-26.74	-26.74
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1764.6	3.25	0	75.93	0	0.31	0	0	6.57	0	0	0	0	0	0	-26.75	-26.75
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1864.8	3.25	0	76.41	0	0.35	0	0	6.77	0	0	0	0	0	0	-27.48	-27.48
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1875.2	3.25	0	76.46	0	0.35	0	0	6.8	0	0	0	0	0	0	-27.55	-27.55
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1879.7	3.25	0	76.48	0	0.35	0	0	6.8	0	0	0	0	0	0	-27.58	-27.58
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1957.9	3.25	0	76.84	0	0.39	0	0	6.96	0	0	0	0	0	0	-28.12	-28.12
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	2017.1	3.25	0	77.09	0	0.41	0	0	7.08	0	0	0	0	0	0	-28.52	-28.52
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2081.2	3.25	0	77.37	0	0.44	0	0	7.2	0	0	0	0	0	0	-28.95	-28.95
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2122.9	3.25	0	77.54	0	0.46	0	0	7.28	0	0	0	0	0	0	-29.22	-29.22
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	2179.3	3.25	0	77.77	0	0.48	0	0	7.39	0	0	0	0	0	0	-29.58	-29.58
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2210.4	3.25	0	77.89	0	0.49	0	0	7.45	0	0	0	0	0	0	-29.77	-29.77
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	2308.5	3.25	0	78.27	0	0.53	0	0	7.64	0	0	0	0	0	0	-30.38	-30.38

Value D/N: 0 0
Level D/N: 34.9125 34.9125

Receiver: Existing Noise Receptor
ID: R45
X: 520787
Y: 4884216
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	546.04	3.25	0	65.74	0	-0.52	0	0	8.86	0	0	0	0	0	0	26.22	26.22
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	563.85	3.25	0	66.02	0	-0.5	0	0	8.98	0	0	0	0	0	0	25.81	25.81
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	653.45	3.25	0	67.3	0	-0.44	0	0	9.5	0	0	0	0	0	0	23.95	23.95
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	726.43	3.25	0	68.22	0	-0.4	0	0	9.86	0	0	0	0	0	0	22.62	22.62
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	782.74	3.25	0	68.87	0	-0.36	0	0	10.11	0	0	0	0	0	0	21.69	21.69
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	826.33	3.25	0	69.34	0	-0.34	0	0	10.29	0	0	0	0	0	0	21.02	21.02
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	899.72	3.25	0	70.08	0	-0.3	0	0	10.56	0	0	0	0	0	0	19.96	19.96
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	906.61	3.25	0	70.15	0	-0.29	0	0	10.59	0	0	0	0	0	0	19.87	19.87
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	962.4	3.25	0	70.67	0	-0.26	0	0	10.78	0	0	0	0	0	0	19.12	19.12
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1018.3	3.25	0	71.16	0	-0.24	0	0	10.97	0	0	0	0	0	0	18.42	18.42
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1041.5	3.25	0	71.35	0	-0.23	0	0	11.05	0	0	0	0	0	0	18.14	18.14
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1085.2	3.25	0	71.71	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.62	17.62
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1124.9	3.25	0	72.02	0	-0.19	0	0	11.3	0	0	0	0	0	0	17.17	17.17
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1441.3	3.25	0	74.17	0	-0.06	0	0	12.18	0	0	0	0	0	0	14.02	14.02
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1618.9	4.4	0	75.18	0	-0.87	0	0	3.7	0	0	0	0	0	0	22.76	22.76
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1868.6	3.25	0	76.43	0	0.09	0	0	13.18	0	0	0	0	0	0	10.61	10.61
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2028.8	3.25	0	77.14	0	0.14	0	0	13.52	0	0	0	0	0	0	9.51	9.51
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2059.1	3.25	0	77.27	0	0.15	0	0	13.59	0	0	0	0	0	0	9.31	9.31
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2159.1	3.25	0	77.69	0	0.17	0	0	13.79	0	0	0	0	0	0	8.66	8.66
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2211.7	3.25	0	77.89	0	0.19	0	0	13.9	0	0	0	0	0	0	8.33	8.33
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2228.1	3.25	0	77.96	0	0.19	0	0	13.93	0	0	0	0	0	0	8.23	8.23
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2340.8	3.25	0	78.39	0	0.22	0	0	14.15	0	0	0	0	0	0	7.55	7.55
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	2356.9	3.25	0	78.45	0	0.22	0	0	14.18	0	0	0	0	0	0	7.46	7.46
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	2357.8	3.25	0	78.45	0	0.22	0	0	14.18	0	0	0	0	0	0	7.45	7.45
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1586.9	3.5	0	75.01	0	3.13	0	0	1.46	0	0	0	0	0	0	17.03	17.03
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	2505.1	3.25	0	78.98	0	0.26	0	0	14.47	0	0	0	0	0	0	6.61	6.61
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2533.8	3.25	0	79.08	0	0.26	0	0	14.52	0	0	0	0	0	0	6.45	6.45
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2615.6	3.25	0	79.35	0	0.28	0	0	14.68	0	0	0	0	0	0	6	6
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	2643.7	3.25	0	79.44	0	0.29	0	0	14.73	0	0	0	0	0	0	5.85	5.85
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2681.9	3.25	0	79.57	0	0.3	0	0	14.8	0	0	0	0	0	0	5.65	5.65
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	2793.5	3.25	0	79.92	0	0.32	0	0	15	0	0	0	0	0	0	5.07	5.07
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1606.1	3.77	0	75.12	0	-0.6	0	0	3.68	0	0	0	0	0	0	8.79	8.79
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2393.1	3.25	0	78.58	0	1.15	0	0	9.45	0	0	0	0	0	0	-3.94	-3.94
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	546.12	3.25	0	65.75	0	-0.11	0	0	3.7	0	0	0	0	0	0	-13.27	-13.27
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	565.42	3.25	0	66.05	0	-0.11	0	0	3.75	0	0	0	0	0	0	-13.63	-13.63
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	650.18	3.25	0	67.26	0	-0.09	0	0	4	0	0	0	0	0	0	-15.11	-15.11
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	726.67	3.25	0	68.23	0	-0.07	0	0	4.2	0	0	0	0	0	0	-16.3	-16.3
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	785.81	3.25	0	68.91	0	-0.06	0	0	4.36	0	0	0	0	0	0	-17.15	-17.15
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	827.57	3.25	0	69.36	0	-0.04	0	0	4.47	0	0	0	0	0	0	-17.72	-17.72
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	897.21	3.25	0	70.06	0	-0.02	0	0	4.64	0	0	0	0	0	0	-18.62	-18.62
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	902.73	3.25	0	70.11	0	-0.02	0	0	4.65	0	0	0	0	0	0	-18.69	-18.69
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	967.22	3.25	0	70.71	0	0	0	0	4.81	0	0	0	0	0	0	-19.46	-19.46
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1012.8	3.25	0	71.11	0	0.02	0	0	4.92	0	0	0	0	0	0	-19.99	-19.99
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1042.8	3.25	0	71.36	0	0.03	0	0	4.99	0	0	0	0	0	0	-20.32	-20.32
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1083.4	3.25	0	71.7	0	0.04	0	0	5.09	0	0	0	0	0	0	-20.76	-20.76
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1120.3	3.25	0	71.99	0	0.05	0	0	5.17	0	0	0	0	0	0	-21.15	-21.15
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1437.7	3.25	0	74.15	0	0.17	0	0	5.88	0	0	0	0	0	0	-24.15	-24.15
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1871.6	3.25	0	76.44	0	0.35	0	0	6.79	0	0	0	0	0	0	-27.52	-27.52

Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2024.9	3.25	0	77.13	0	0.41	0	0	7.09	0	0	0	0	0	0	-28.58	-28.58
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2062.2	3.25	0	77.29	0	0.43	0	0	7.17	0	0	0	0	0	0	-28.82	-28.82
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2163.2	3.25	0	77.7	0	0.47	0	0	7.36	0	0	0	0	0	0	-29.48	-29.48
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2209.1	3.25	0	77.88	0	0.49	0	0	7.45	0	0	0	0	0	0	-29.77	-29.77
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2231.5	3.25	0	77.97	0	0.5	0	0	7.49	0	0	0	0	0	0	-29.91	-29.91
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2337.6	3.25	0	78.38	0	0.55	0	0	7.69	0	0	0	0	0	0	-30.55	-30.55
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	2353.1	3.25	0	78.43	0	0.55	0	0	7.72	0	0	0	0	0	0	-30.65	-30.65
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2354.2	3.25	0	78.44	0	0.55	0	0	7.72	0	0	0	0	0	0	-30.65	-30.65
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2395.3	3.25	0	78.59	0	0.57	0	0	7.8	0	0	0	0	0	0	-30.9	-30.9
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	2501.3	3.25	0	78.96	0	0.62	0	0	7.99	0	0	0	0	0	0	-31.51	-31.51
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2530.8	3.25	0	79.07	0	0.63	0	0	8.05	0	0	0	0	0	0	-31.68	-31.68
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2611.4	3.25	0	79.34	0	0.66	0	0	8.19	0	0	0	0	0	0	-32.13	-32.13
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	2640.7	3.25	0	79.43	0	0.68	0	0	8.24	0	0	0	0	0	0	-32.3	-32.3
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2685.6	3.25	0	79.58	0	0.7	0	0	8.32	0	0	0	0	0	0	-32.54	-32.54
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	2790.3	3.25	0	79.91	0	0.74	0	0	8.51	0	0	0	0	0	0	-33.1	-33.1
Value D/N: 0	0																								
Level D/N: 33.7863	33.7863																								

Receiver: Existing Noise Receptor
ID: R46
X: 521493
Y: 4884328
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	580.68	3.25	0	66.28	0	-0.49	0	0	9.09	0	0	0	0	0	0	25.44	25.44
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	691.07	3.25	0	67.79	0	-0.42	0	0	9.69	0	0	0	0	0	0	23.24	23.24
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	743.89	3.25	0	68.43	0	-0.38	0	0	9.94	0	0	0	0	0	0	22.33	22.33
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	780.05	3.25	0	68.84	0	-0.36	0	0	10.1	0	0	0	0	0	0	21.74	21.74
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	791.86	3.25	0	68.97	0	-0.36	0	0	10.15	0	0	0	0	0	0	21.55	21.55
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	837.78	3.25	0	69.46	0	-0.33	0	0	10.33	0	0	0	0	0	0	20.85	20.85
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	844.2	3.25	0	69.53	0	-0.33	0	0	10.36	0	0	0	0	0	0	20.75	20.75
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	960.71	3.25	0	70.65	0	-0.27	0	0	10.78	0	0	0	0	0	0	19.15	19.15
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	983.93	3.25	0	70.86	0	-0.25	0	0	10.86	0	0	0	0	0	0	18.85	18.85
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1042.4	3.25	0	71.36	0	-0.23	0	0	11.05	0	0	0	0	0	0	18.13	18.13
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1079.8	3.25	0	71.67	0	-0.21	0	0	11.17	0	0	0	0	0	0	17.69	17.69
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1157.3	3.25	0	72.27	0	-0.17	0	0	11.4	0	0	0	0	0	0	16.81	16.81
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1224.7	3.25	0	72.76	0	-0.14	0	0	11.6	0	0	0	0	0	0	16.1	16.1
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2067.4	3.25	0	77.31	0	0.15	0	0	13.6	0	0	0	0	0	0	9.25	9.25
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2276.5	4.4	0	78.15	0	-0.77	0	0	4.83	0	0	0	0	0	0	18.58	18.58
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2431.2	3.25	0	78.72	0	0.24	0	0	14.33	0	0	0	0	0	0	7.03	7.03
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2585.5	3.25	0	79.25	0	0.28	0	0	14.62	0	0	0	0	0	0	6.17	6.17
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2612	3.25	0	79.34	0	0.28	0	0	14.67	0	0	0	0	0	0	6.02	6.02
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2713.7	3.25	0	79.67	0	0.3	0	0	14.86	0	0	0	0	0	0	5.48	5.48
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2764.4	3.25	0	79.83	0	0.31	0	0	14.95	0	0	0	0	0	0	5.22	5.22
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2771.3	3.25	0	79.85	0	0.32	0	0	14.96	0	0	0	0	0	0	5.18	5.18
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2862.7	3.25	0	80.14	0	0.33	0	0	15.13	0	0	0	0	0	0	4.71	4.71
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	2927.7	3.25	0	80.33	0	0.35	0	0	15.24	0	0	0	0	0	0	4.39	4.39
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	2971.2	3.25	0	80.46	0	0.36	0	0	15.32	0	0	0	0	0	0	4.18	4.18
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2246.9	3.5	0	78.03	0	3.27	0	0	1.87	0	0	0	0	0	0	13.46	13.46
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2266.1	3.77	0	78.11	0	-0.47	0	0	4.81	0	0	0	0	0	0	4.53	4.53
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2869.6	3.25	0	80.16	0	1.1	0	0	9.97	0	0	0	0	0	0	-5.98	-5.98
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	578.26	3.25	0	66.24	0	-0.11	0	0	3.79	0	0	0	0	0	0	-13.87	-13.87
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	691.66	3.25	0	67.8	0	-0.08	0	0	4.11	0	0	0	0	0	0	-15.77	-15.77
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	746.71	3.25	0	68.46	0	-0.07	0	0	4.26	0	0	0	0	0	0	-16.59	-16.59
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	778.33	3.25	0	68.82	0	-0.06	0	0	4.34	0	0	0	0	0	0	-17.05	-17.05
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	792.65	3.25	0	68.98	0	-0.05	0	0	4.38	0	0	0	0	0	0	-17.24	-17.24
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	834.62	3.25	0	69.43	0	-0.04	0	0	4.48	0	0	0	0	0	0	-17.81	-17.81

Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	842.03	3.25	0	69.51	0	-0.04	0	0	4.5	0	0	0	0	0	0	-17.91	-17.91
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	957.08	3.25	0	70.62	0	0	0	0	4.79	0	0	0	0	0	0	-19.34	-19.34
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	985.94	3.25	0	70.88	0	0.01	0	0	4.86	0	0	0	0	0	0	-19.68	-19.68
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1040	3.25	0	71.34	0	0.03	0	0	4.98	0	0	0	0	0	0	-20.29	-20.29
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1076.1	3.25	0	71.64	0	0.04	0	0	5.07	0	0	0	0	0	0	-20.69	-20.69
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1158.6	3.25	0	72.28	0	0.07	0	0	5.26	0	0	0	0	0	0	-21.55	-21.55
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1222.4	3.25	0	72.74	0	0.09	0	0	5.41	0	0	0	0	0	0	-22.18	-22.18
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2063.2	3.25	0	77.29	0	0.43	0	0	7.17	0	0	0	0	0	0	-28.83	-28.83
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2434.9	3.25	0	78.73	0	0.59	0	0	7.87	0	0	0	0	0	0	-31.13	-31.13
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2589.7	3.25	0	79.26	0	0.65	0	0	8.15	0	0	0	0	0	0	-32.01	-32.01
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2607.4	3.25	0	79.32	0	0.66	0	0	8.18	0	0	0	0	0	0	-32.11	-32.11
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2710.2	3.25	0	79.66	0	0.71	0	0	8.37	0	0	0	0	0	0	-32.67	-32.67
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2769.2	3.25	0	79.85	0	0.73	0	0	8.47	0	0	0	0	0	0	-32.99	-32.99
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2775.6	3.25	0	79.87	0	0.73	0	0	8.48	0	0	0	0	0	0	-33.02	-33.02
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2858.6	3.25	0	80.12	0	0.77	0	0	8.63	0	0	0	0	0	0	-33.46	-33.46
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2872.7	3.25	0	80.17	0	0.78	0	0	8.65	0	0	0	0	0	0	-33.53	-33.53
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	2923.2	3.25	0	80.32	0	0.8	0	0	8.74	0	0	0	0	0	0	-33.79	-33.79
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2967.2	3.25	0	80.45	0	0.82	0	0	8.81	0	0	0	0	0	0	-34.02	-34.02
Value D/N: 0	0																								
Level D/N: 32.4876	32.4876																								

Receiver: Existing Noise Receptor
ID: R47
X: 520935
Y: 4882063
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1139.9	3.25	0	72.14	0	-0.18	0	0	11.35	0	0	0	0	0	0	17.01	17.01
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1175.9	3.25	0	72.41	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.61	16.61
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1252	3.25	0	72.95	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.82	15.82
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1306.4	3.25	0	73.32	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.28	15.28
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1353.1	3.25	0	73.63	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.83	14.83
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1356.8	3.25	0	73.65	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.79	14.79
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1405.6	3.25	0	73.96	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.34	14.34
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1405.8	3.25	0	73.96	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.34	14.34
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1419.6	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.21	14.21
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1432.3	3.25	0	74.12	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.1	14.1
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1455.3	3.25	0	74.26	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.89	13.89
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1500	3.25	0	74.52	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.5	13.5
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1548.9	3.25	0	74.8	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.08	13.08
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1576.9	3.25	0	74.96	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.85	12.85
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1586.4	3.25	0	75.01	0	0	0	0	12.54	0	0	0	0	0	0	12.77	12.77
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1613.3	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.55	12.55
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1617.2	3.25	0	75.18	0	0.01	0	0	12.61	0	0	0	0	0	0	12.52	12.52
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1620.8	3.25	0	75.19	0	0.01	0	0	12.62	0	0	0	0	0	0	12.49	12.49
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1649.9	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.26	12.26
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1663.5	3.25	0	75.42	0	0.02	0	0	12.72	0	0	0	0	0	0	12.15	12.15
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1695.6	3.25	0	75.59	0	0.04	0	0	12.79	0	0	0	0	0	0	11.9	11.9
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1706	3.25	0	75.64	0	0.04	0	0	12.82	0	0	0	0	0	0	11.82	11.82
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1757.7	3.25	0	75.9	0	0.06	0	0	12.93	0	0	0	0	0	0	11.42	11.42
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1871.1	4.4	0	76.44	0	-0.83	0	0	4.15	0	0	0	0	0	0	21.02	21.02
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1779.2	3.25	0	76	0	0.06	0	0	12.98	0	0	0	0	0	0	11.26	11.26
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1850.4	3.25	0	76.35	0	0.08	0	0	13.14	0	0	0	0	0	0	10.74	10.74
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1893.9	3.25	0	76.55	0	0.1	0	0	13.24	0	0	0	0	0	0	10.43	10.43
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1910.9	3.25	0	76.62	0	0.1	0	0	13.27	0	0	0	0	0	0	10.31	10.31
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1966.3	3.25	0	76.87	0	0.12	0	0	13.39	0	0	0	0	0	0	9.93	9.93
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2018.7	3.25	0	77.1	0	0.13	0	0	13.5	0	0	0	0	0	0	9.57	9.57

Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1878	3.5	0	76.47	0	3.2	0	0	1.64	0	0	0	0	0	0	15.32	15.32
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1223.1	3.25	0	72.75	0	1.16	0	0	8.02	0	0	0	0	0	0	3.31	3.31
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1883.5	3.77	0	76.5	0	-0.55	0	0	4.17	0	0	0	0	0	0	6.86	6.86
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1140.3	3.25	0	72.14	0	0.06	0	0	5.22	0	0	0	0	0	0	-21.36	-21.36
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1174.8	3.25	0	72.4	0	0.07	0	0	5.3	0	0	0	0	0	0	-21.71	-21.71
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1228.1	3.25	0	72.78	0	0.09	0	0	5.42	0	0	0	0	0	0	-22.24	-22.24
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1246.4	3.25	0	72.91	0	0.1	0	0	5.46	0	0	0	0	0	0	-22.42	-22.42
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1312.1	3.25	0	73.36	0	0.13	0	0	5.61	0	0	0	0	0	0	-23.03	-23.03
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1353.3	3.25	0	73.63	0	0.14	0	0	5.7	0	0	0	0	0	0	-23.41	-23.41
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1355.8	3.25	0	73.64	0	0.14	0	0	5.7	0	0	0	0	0	0	-23.43	-23.43
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1399.6	3.25	0	73.92	0	0.16	0	0	5.8	0	0	0	0	0	0	-23.82	-23.82
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1399.8	3.25	0	73.92	0	0.16	0	0	5.8	0	0	0	0	0	0	-23.82	-23.82
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1424	3.25	0	74.07	0	0.17	0	0	5.85	0	0	0	0	0	0	-24.03	-24.03
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1431.8	3.25	0	74.12	0	0.17	0	0	5.87	0	0	0	0	0	0	-24.1	-24.1
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1461.2	3.25	0	74.29	0	0.18	0	0	5.93	0	0	0	0	0	0	-24.35	-24.35
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1501	3.25	0	74.53	0	0.2	0	0	6.02	0	0	0	0	0	0	-24.69	-24.69
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1547.1	3.25	0	74.79	0	0.22	0	0	6.12	0	0	0	0	0	0	-25.07	-25.07
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1571.3	3.25	0	74.93	0	0.23	0	0	6.17	0	0	0	0	0	0	-25.26	-25.26
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1580.7	3.25	0	74.98	0	0.23	0	0	6.19	0	0	0	0	0	0	-25.34	-25.34
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1612.8	3.25	0	75.15	0	0.24	0	0	6.26	0	0	0	0	0	0	-25.59	-25.59
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1617.3	3.25	0	75.18	0	0.25	0	0	6.27	0	0	0	0	0	0	-25.63	-25.63
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1620	3.25	0	75.19	0	0.25	0	0	6.27	0	0	0	0	0	0	-25.65	-25.65
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1646.3	3.25	0	75.33	0	0.26	0	0	6.33	0	0	0	0	0	0	-25.86	-25.86
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1657.6	3.25	0	75.39	0	0.26	0	0	6.35	0	0	0	0	0	0	-25.94	-25.94
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1697.8	3.25	0	75.6	0	0.28	0	0	6.43	0	0	0	0	0	0	-26.25	-26.25
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1703.6	3.25	0	75.63	0	0.28	0	0	6.45	0	0	0	0	0	0	-26.3	-26.3
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1763.3	3.25	0	75.93	0	0.31	0	0	6.57	0	0	0	0	0	0	-26.74	-26.74
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1785.2	3.25	0	76.03	0	0.31	0	0	6.61	0	0	0	0	0	0	-26.9	-26.9
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1844.5	3.25	0	76.32	0	0.34	0	0	6.73	0	0	0	0	0	0	-27.33	-27.33
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1891.7	3.25	0	76.54	0	0.36	0	0	6.83	0	0	0	0	0	0	-27.67	-27.67
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1906.1	3.25	0	76.6	0	0.36	0	0	6.86	0	0	0	0	0	0	-27.77	-27.77
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1961.3	3.25	0	76.85	0	0.39	0	0	6.97	0	0	0	0	0	0	-28.15	-28.15
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2012.8	3.25	0	77.08	0	0.41	0	0	7.07	0	0	0	0	0	0	-28.5	-28.5
Value D/N: 0	0																								
Level D/N: 29.0592	29.0592																								

Receiver: Existing Noise Receptor
ID: R48
X: 520666
Y: 4882250
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	963.39	3.25	0	70.68	0	-0.26	0	0	10.79	0	0	0	0	0	0	19.11	19.11
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	996.81	3.25	0	70.97	0	-0.25	0	0	10.9	0	0	0	0	0	0	18.69	18.69
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1012.4	3.25	0	71.11	0	-0.24	0	0	10.95	0	0	0	0	0	0	18.49	18.49
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1095.6	3.25	0	71.79	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.5	17.5
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1095.6	3.25	0	71.79	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.5	17.5
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1126.1	3.25	0	72.03	0	-0.19	0	0	11.31	0	0	0	0	0	0	17.16	17.16
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1158	3.25	0	72.27	0	-0.17	0	0	11.4	0	0	0	0	0	0	16.81	16.81
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1159.9	3.25	0	72.29	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.79	16.79
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1209.2	3.25	0	72.65	0	-0.15	0	0	11.55	0	0	0	0	0	0	16.26	16.26
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1248.6	3.25	0	72.93	0	-0.13	0	0	11.66	0	0	0	0	0	0	15.85	15.85
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1254	3.25	0	72.97	0	-0.13	0	0	11.68	0	0	0	0	0	0	15.8	15.8
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1258.7	3.25	0	73	0	-0.13	0	0	11.69	0	0	0	0	0	0	15.75	15.75
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1327.7	3.25	0	73.46	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.07	15.07
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1340.1	3.25	0	73.54	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.95	14.95
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1369.7	3.25	0	73.73	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.67	14.67

Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1392.4	3.25	0	73.87	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.46	14.46
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1425.7	3.25	0	74.08	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.16	14.16
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1443.3	3.25	0	74.19	0	-0.05	0	0	12.18	0	0	0	0	0	0	14	14
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1460.3	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.85	13.85
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1544.8	4.4	0	74.78	0	-0.88	0	0	3.57	0	0	0	0	0	0	23.31	23.31
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1483.2	3.25	0	74.42	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.64	13.64
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1498.9	3.25	0	74.52	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.51	13.51
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1518.8	3.25	0	74.63	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.34	13.34
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1561.6	3.25	0	74.87	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.98	12.98
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1605.3	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.62	12.62
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1651.6	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1694.1	3.25	0	75.58	0	0.03	0	0	12.79	0	0	0	0	0	0	11.91	11.91
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1704.1	3.25	0	75.63	0	0.04	0	0	12.81	0	0	0	0	0	0	11.83	11.83
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1730.8	3.25	0	75.77	0	0.05	0	0	12.87	0	0	0	0	0	0	11.63	11.63
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1861.8	3.25	0	76.4	0	0.09	0	0	13.17	0	0	0	0	0	0	10.66	10.66
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1552.3	3.5	0	74.82	0	3.12	0	0	1.44	0	0	0	0	0	0	17.25	17.25
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	969.38	3.25	0	70.73	0	1.12	0	0	7.64	0	0	0	0	0	0	5.75	5.75
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1557.5	3.77	0	74.85	0	-0.61	0	0	3.59	0	0	0	0	0	0	9.15	9.15
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	957.72	3.25	0	70.62	0	0	0	0	4.79	0	0	0	0	0	0	-19.35	-19.35
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	974.31	3.25	0	70.77	0	0	0	0	4.83	0	0	0	0	0	0	-19.55	-19.55
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1002.7	3.25	0	71.02	0	0.01	0	0	4.9	0	0	0	0	0	0	-19.87	-19.87
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1014.5	3.25	0	71.13	0	0.02	0	0	4.92	0	0	0	0	0	0	-20.01	-20.01
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1093.2	3.25	0	71.77	0	0.04	0	0	5.11	0	0	0	0	0	0	-20.87	-20.87
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1100.1	3.25	0	71.83	0	0.05	0	0	5.13	0	0	0	0	0	0	-20.94	-20.94
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1120.1	3.25	0	71.99	0	0.05	0	0	5.17	0	0	0	0	0	0	-21.15	-21.15
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1154	3.25	0	72.24	0	0.07	0	0	5.25	0	0	0	0	0	0	-21.5	-21.5
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1164	3.25	0	72.32	0	0.07	0	0	5.27	0	0	0	0	0	0	-21.6	-21.6
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1210.6	3.25	0	72.66	0	0.09	0	0	5.38	0	0	0	0	0	0	-22.07	-22.07
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1249.3	3.25	0	72.93	0	0.1	0	0	5.47	0	0	0	0	0	0	-22.44	-22.44
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1251.6	3.25	0	72.95	0	0.1	0	0	5.47	0	0	0	0	0	0	-22.47	-22.47
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1253.1	3.25	0	72.96	0	0.1	0	0	5.48	0	0	0	0	0	0	-22.48	-22.48
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1324.3	3.25	0	73.44	0	0.13	0	0	5.63	0	0	0	0	0	0	-23.15	-23.15
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1334.5	3.25	0	73.51	0	0.13	0	0	5.66	0	0	0	0	0	0	-23.24	-23.24
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1363.7	3.25	0	73.69	0	0.15	0	0	5.72	0	0	0	0	0	0	-23.5	-23.5
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1394.6	3.25	0	73.89	0	0.16	0	0	5.79	0	0	0	0	0	0	-23.78	-23.78
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1426.1	3.25	0	74.08	0	0.17	0	0	5.86	0	0	0	0	0	0	-24.05	-24.05
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1449	3.25	0	74.22	0	0.18	0	0	5.91	0	0	0	0	0	0	-24.25	-24.25
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1461.3	3.25	0	74.3	0	0.18	0	0	5.93	0	0	0	0	0	0	-24.35	-24.35
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1480.3	3.25	0	74.41	0	0.19	0	0	5.98	0	0	0	0	0	0	-24.52	-24.52
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1497	3.25	0	74.5	0	0.2	0	0	6.01	0	0	0	0	0	0	-24.66	-24.66
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1524.7	3.25	0	74.66	0	0.21	0	0	6.07	0	0	0	0	0	0	-24.88	-24.88
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1555.7	3.25	0	74.84	0	0.22	0	0	6.14	0	0	0	0	0	0	-25.14	-25.14
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1600.4	3.25	0	75.08	0	0.24	0	0	6.23	0	0	0	0	0	0	-25.5	-25.5
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1654.8	3.25	0	75.38	0	0.26	0	0	6.35	0	0	0	0	0	0	-25.92	-25.92
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1690.8	3.25	0	75.56	0	0.28	0	0	6.42	0	0	0	0	0	0	-26.2	-26.2
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1699.1	3.25	0	75.6	0	0.28	0	0	6.44	0	0	0	0	0	0	-26.26	-26.26
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1724.8	3.25	0	75.73	0	0.29	0	0	6.49	0	0	0	0	0	0	-26.46	-26.46
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1858.7	3.25	0	76.38	0	0.34	0	0	6.76	0	0	0	0	0	0	-27.43	-27.43
Value D/N: 0	0																									
Level D/N: 31.1298	31.1298																									

Receiver: Existing Noise Receptor
ID: R49
X: 520857
Y: 4881730
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN

Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1281.5	3.25	0	73.15	0	-0.12	0	0	11.75	0	0	0	0	0	0	15.52	15.52
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1357.5	3.25	0	73.65	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.79	14.79
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1379	3.25	0	73.79	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.58	14.58
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1410.5	3.25	0	73.99	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.29	14.29
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1478.6	3.25	0	74.4	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.69	13.69
Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1492.9	3.25	0	74.48	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.56	13.56
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1517.9	3.25	0	74.62	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.35	13.35
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1530.5	3.25	0	74.7	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.24	13.24
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1539.4	3.25	0	74.75	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.16	13.16
Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1666.7	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	12.12	12.12
Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1686.4	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.97	11.97
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1690.2	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.94	11.94
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1698.4	3.25	0	75.6	0	0.04	0	0	12.8	0	0	0	0	0	0	11.88	11.88
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1738.1	3.25	0	75.8	0	0.05	0	0	12.89	0	0	0	0	0	0	11.57	11.57
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1760.6	3.25	0	75.91	0	0.06	0	0	12.94	0	0	0	0	0	0	11.4	11.4
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1830.4	3.25	0	76.25	0	0.08	0	0	13.1	0	0	0	0	0	0	10.89	10.89
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1841.5	3.25	0	76.3	0	0.08	0	0	13.12	0	0	0	0	0	0	10.81	10.81
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1849.4	3.25	0	76.34	0	0.08	0	0	13.14	0	0	0	0	0	0	10.75	10.75
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1857.9	3.25	0	76.38	0	0.09	0	0	13.16	0	0	0	0	0	0	10.69	10.69
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1890.2	3.25	0	76.53	0	0.1	0	0	13.23	0	0	0	0	0	0	10.46	10.46
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1923	3.25	0	76.68	0	0.11	0	0	13.3	0	0	0	0	0	0	10.23	10.23
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2045.1	4.4	0	77.21	0	-0.81	0	0	4.44	0	0	0	0	0	0	19.93	19.93
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1941.1	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.1	10.1
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1952.8	3.25	0	76.81	0	0.12	0	0	13.36	0	0	0	0	0	0	10.02	10.02
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1955	3.25	0	76.82	0	0.12	0	0	13.37	0	0	0	0	0	0	10.01	10.01
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1961.4	3.25	0	76.85	0	0.12	0	0	13.38	0	0	0	0	0	0	9.96	9.96
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2020.4	3.25	0	77.11	0	0.14	0	0	13.5	0	0	0	0	0	0	9.56	9.56
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2034.6	3.25	0	77.17	0	0.14	0	0	13.53	0	0	0	0	0	0	9.47	9.47
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2039.5	3.25	0	77.19	0	0.14	0	0	13.54	0	0	0	0	0	0	9.44	9.44
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2230.5	3.25	0	77.97	0	0.19	0	0	13.93	0	0	0	0	0	0	8.22	8.22
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2057.1	3.5	0	77.27	0	3.23	0	0	1.75	0	0	0	0	0	0	14.38	14.38
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1196.7	3.25	0	72.56	0	1.16	0	0	7.99	0	0	0	0	0	0	3.54	3.54
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2059.9	3.77	0	77.28	0	-0.51	0	0	4.47	0	0	0	0	0	0	5.75	5.75
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1201.5	3.25	0	72.59	0	0.08	0	0	5.36	0	0	0	0	0	0	-21.98	-21.98
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1276.3	3.25	0	73.12	0	0.11	0	0	5.53	0	0	0	0	0	0	-22.7	-22.7
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1351.6	3.25	0	73.62	0	0.14	0	0	5.7	0	0	0	0	0	0	-23.39	-23.39
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1384.1	3.25	0	73.82	0	0.15	0	0	5.77	0	0	0	0	0	0	-23.68	-23.68
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1404.9	3.25	0	73.95	0	0.16	0	0	5.81	0	0	0	0	0	0	-23.87	-23.87
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1479.2	3.25	0	74.4	0	0.19	0	0	5.97	0	0	0	0	0	0	-24.51	-24.51
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1498.3	3.25	0	74.51	0	0.2	0	0	6.01	0	0	0	0	0	0	-24.67	-24.67
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1516.8	3.25	0	74.62	0	0.21	0	0	6.05	0	0	0	0	0	0	-24.82	-24.82
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1524.8	3.25	0	74.66	0	0.21	0	0	6.07	0	0	0	0	0	0	-24.89	-24.89
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1543.2	3.25	0	74.77	0	0.22	0	0	6.11	0	0	0	0	0	0	-25.04	-25.04
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1661.7	3.25	0	75.41	0	0.26	0	0	6.36	0	0	0	0	0	0	-25.98	-25.98
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1680.9	3.25	0	75.51	0	0.27	0	0	6.4	0	0	0	0	0	0	-26.12	-26.12
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1690.6	3.25	0	75.56	0	0.28	0	0	6.42	0	0	0	0	0	0	-26.2	-26.2
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1697.3	3.25	0	75.6	0	0.28	0	0	6.43	0	0	0	0	0	0	-26.25	-26.25
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1743.9	3.25	0	75.83	0	0.3	0	0	6.53	0	0	0	0	0	0	-26.6	-26.6
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1760.4	3.25	0	75.91	0	0.3	0	0	6.56	0	0	0	0	0	0	-26.72	-26.72
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1835.6	3.25	0	76.28	0	0.34	0	0	6.72	0	0	0	0	0	0	-27.27	-27.27
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1842.5	3.25	0	76.31	0	0.34	0	0	6.73	0	0	0	0	0	0	-27.32	-27.32
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1846.4	3.25	0	76.33	0	0.34	0	0	6.74	0	0	0	0	0	0	-27.35	-27.35
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1852.2	3.25	0	76.35	0	0.34	0	0	6.75	0	0	0	0	0	0	-27.39	-27.39
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1888.5	3.25	0	76.52	0	0.36	0	0	6.82	0	0	0	0	0	0	-27.64	-27.64
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1918.1	3.25	0	76.66	0	0.37	0	0	6.88	0	0	0	0	0	0	-27.85	-27.85
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1940.9	3.25	0	76.76	0	0.38	0	0	6.93	0	0	0	0	0	0	-28.01	-28.01
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1950.5	3.25	0	76.8	0	0.38	0	0	6.95	0	0	0	0	0	0	-28.07	-28.07
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1953.1	3.25	0	76.81	0	0.38	0	0	6.95	0	0	0	0	0	0	-28.09	-28.09
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1960.5	3.25	0	76.85	0	0.39	0	0	6.97	0	0	0	0	0	0	-28.14	-28.14

	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2014.7	3.25	0	77.08	0	0.41	0	0	7.07	0	0	0	0	0	0	-28.51	-28.51
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2036.7	3.25	0	77.18	0	0.42	0	0	7.12	0	0	0	0	0	0	-28.65	-28.65
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2037.3	3.25	0	77.18	0	0.42	0	0	7.12	0	0	0	0	0	0	-28.66	-28.66
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2228.5	3.25	0	77.96	0	0.5	0	0	7.48	0	0	0	0	0	0	-29.89	-29.89
Value D/N:	0	0																									
Level D/N:	27.7599	27.7599																									

Receiver: Existing Noise Receptor
ID: R50
X: 519168
Y: 4881628
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	411.45	3.25	0	63.29	0	-0.61	0	0	7.74	0	0	0	0	0	0	29.9	29.9
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	459.16	3.25	0	64.24	0	-0.58	0	0	8.19	0	0	0	0	0	0	28.46	28.46
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	507.64	3.25	0	65.11	0	-0.55	0	0	8.58	0	0	0	0	0	0	27.16	27.16
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	530.65	3.25	0	65.5	0	-0.53	0	0	8.75	0	0	0	0	0	0	26.59	26.59
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	711.93	3.25	0	68.05	0	-0.4	0	0	9.79	0	0	0	0	0	0	22.87	22.87
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	731.25	3.25	0	68.28	0	-0.39	0	0	9.88	0	0	0	0	0	0	22.54	22.54
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	768.95	3.25	0	68.72	0	-0.37	0	0	10.05	0	0	0	0	0	0	21.91	21.91
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	771.76	3.25	0	68.75	0	-0.37	0	0	10.06	0	0	0	0	0	0	21.87	21.87
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	834.07	3.25	0	69.42	0	-0.33	0	0	10.32	0	0	0	0	0	0	20.9	20.9
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	849.85	3.25	0	69.59	0	-0.32	0	0	10.38	0	0	0	0	0	0	20.67	20.67
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	949.89	3.25	0	70.55	0	-0.27	0	0	10.74	0	0	0	0	0	0	19.29	19.29
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	993.65	3.25	0	70.94	0	-0.25	0	0	10.89	0	0	0	0	0	0	18.73	18.73
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1044.5	3.25	0	71.38	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.1	18.1
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1083.3	3.25	0	71.7	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.65	17.65
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1199	3.25	0	72.58	0	-0.15	0	0	11.52	0	0	0	0	0	0	16.37	16.37
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1652.9	4.4	0	75.36	0	-0.86	0	0	3.76	0	0	0	0	0	0	22.51	22.51
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1689.2	3.25	0	75.55	0	0.03	0	0	12.78	0	0	0	0	0	0	11.95	11.95
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2426.2	3.25	0	78.7	0	0.24	0	0	14.32	0	0	0	0	0	0	7.06	7.06
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2483.9	3.25	0	78.9	0	0.25	0	0	14.43	0	0	0	0	0	0	6.73	6.73
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2552.1	3.25	0	79.14	0	0.27	0	0	14.56	0	0	0	0	0	0	6.35	6.35
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2570.5	3.25	0	79.2	0	0.27	0	0	14.59	0	0	0	0	0	0	6.25	6.25
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1686.6	3.5	0	75.54	0	3.15	0	0	1.52	0	0	0	0	0	0	16.41	16.41
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2609.7	3.25	0	79.33	0	0.28	0	0	14.66	0	0	0	0	0	0	6.03	6.03
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2670.6	3.25	0	79.53	0	0.29	0	0	14.78	0	0	0	0	0	0	5.71	5.71
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2725.7	3.25	0	79.71	0	0.31	0	0	14.88	0	0	0	0	0	0	5.42	5.42
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2780.6	3.25	0	79.88	0	0.32	0	0	14.98	0	0	0	0	0	0	5.13	5.13
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2842.9	3.25	0	80.08	0	0.33	0	0	15.09	0	0	0	0	0	0	4.81	4.81
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2935.8	3.25	0	80.35	0	0.35	0	0	15.26	0	0	0	0	0	0	4.35	4.35
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	706	3.25	0	67.98	0	1.02	0	0	7.15	0	0	0	0	0	0	9.1	9.1
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1673.2	3.77	0	75.47	0	-0.59	0	0	3.8	0	0	0	0	0	0	8.3	8.3
	Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	413.91	3.25	0	63.34	0	-0.12	0	0	3.26	0	0	0	0	0	0	-10.42	-10.42
	Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	459.36	3.25	0	64.24	0	-0.12	0	0	3.42	0	0	0	0	0	0	-11.48	-11.48
	Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	505.7	3.25	0	65.08	0	-0.12	0	0	3.57	0	0	0	0	0	0	-12.47	-12.47
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	534.77	3.25	0	65.56	0	-0.11	0	0	3.66	0	0	0	0	0	0	-13.05	-13.05
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	702.16	3.25	0	67.93	0	-0.08	0	0	4.14	0	0	0	0	0	0	-15.93	-15.93
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	715.08	3.25	0	68.09	0	-0.08	0	0	4.17	0	0	0	0	0	0	-16.13	-16.13
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	730.54	3.25	0	68.27	0	-0.07	0	0	4.21	0	0	0	0	0	0	-16.36	-16.36
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	770	3.25	0	68.73	0	-0.06	0	0	4.32	0	0	0	0	0	0	-16.93	-16.93
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	770.02	3.25	0	68.73	0	-0.06	0	0	4.32	0	0	0	0	0	0	-16.93	-16.93
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	831.59	3.25	0	69.4	0	-0.04	0	0	4.48	0	0	0	0	0	0	-17.77	-17.77
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	853.21	3.25	0	69.62	0	-0.04	0	0	4.53	0	0	0	0	0	0	-18.06	-18.06
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	949.51	3.25	0	70.55	0	-0.01	0	0	4.77	0	0	0	0	0	0	-19.25	-19.25
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	990.48	3.25	0	70.92	0	0.01	0	0	4.87	0	0	0	0	0	0	-19.73	-19.73
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1043.8	3.25	0	71.37	0	0.03	0	0	4.99	0	0	0	0	0	0	-20.33	-20.33

Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1085	3.25	0	71.71	0	0.04	0	0	5.09	0	0	0	0	0	0	-20.78	-20.78
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1196.9	3.25	0	72.56	0	0.08	0	0	5.35	0	0	0	0	0	0	-21.93	-21.93
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1690.9	3.25	0	75.56	0	0.28	0	0	6.42	0	0	0	0	0	0	-26.2	-26.2
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2430.7	3.25	0	78.71	0	0.59	0	0	7.86	0	0	0	0	0	0	-31.11	-31.11
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2487.9	3.25	0	78.92	0	0.61	0	0	7.97	0	0	0	0	0	0	-31.44	-31.44
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2555.6	3.25	0	79.15	0	0.64	0	0	8.09	0	0	0	0	0	0	-31.82	-31.82
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2566.6	3.25	0	79.19	0	0.64	0	0	8.11	0	0	0	0	0	0	-31.88	-31.88
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2612.8	3.25	0	79.34	0	0.66	0	0	8.19	0	0	0	0	0	0	-32.14	-32.14
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2666.1	3.25	0	79.52	0	0.69	0	0	8.29	0	0	0	0	0	0	-32.43	-32.43
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2728.9	3.25	0	79.72	0	0.71	0	0	8.4	0	0	0	0	0	0	-32.78	-32.78
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2785	3.25	0	79.9	0	0.74	0	0	8.5	0	0	0	0	0	0	-33.07	-33.07
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2838.8	3.25	0	80.06	0	0.76	0	0	8.59	0	0	0	0	0	0	-33.36	-33.36
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2931.4	3.25	0	80.34	0	0.8	0	0	8.75	0	0	0	0	0	0	-33.83	-33.83
Value D/N: 0	0																								
Level D/N: 36.2272	36.2272																								

Receiver: Vacant Lot Noise Receptor
ID: VLR1
X: 518133
Y: 4881463
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1048	3.25	0	71.41	0	-0.22	0	0	11.07	0	0	0	0	0	0	18.06	18.06
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1198.3	3.25	0	72.57	0	-0.15	0	0	11.52	0	0	0	0	0	0	16.37	16.37
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1209.7	3.25	0	72.65	0	-0.15	0	0	11.55	0	0	0	0	0	0	16.26	16.26
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1322.7	3.25	0	73.43	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.12	15.12
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1329	3.25	0	73.47	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.06	15.06
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1469.7	3.25	0	74.34	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.76	13.76
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1489.6	3.25	0	74.46	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.59	13.59
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1502.5	3.25	0	74.54	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.48	13.48
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1604.9	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.62	12.62
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1662.7	3.25	0	75.42	0	0.02	0	0	12.72	0	0	0	0	0	0	12.16	12.16
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1664.9	3.25	0	75.43	0	0.02	0	0	12.72	0	0	0	0	0	0	12.14	12.14
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1773.9	3.25	0	75.98	0	0.06	0	0	12.97	0	0	0	0	0	0	11.3	11.3
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1804.5	3.25	0	76.13	0	0.07	0	0	13.04	0	0	0	0	0	0	11.08	11.08
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1858.2	3.25	0	76.38	0	0.09	0	0	13.16	0	0	0	0	0	0	10.69	10.69
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1985.5	3.25	0	76.96	0	0.13	0	0	13.43	0	0	0	0	0	0	9.8	9.8
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2242.4	4.4	0	78.01	0	-0.78	0	0	4.77	0	0	0	0	0	0	18.77	18.77
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2384	3.25	0	78.55	0	0.23	0	0	14.24	0	0	0	0	0	0	7.3	7.3
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2277.3	3.5	0	78.15	0	3.28	0	0	1.88	0	0	0	0	0	0	13.32	13.32
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1694.5	3.25	0	75.58	0	1.18	0	0	8.64	0	0	0	0	0	0	-0.16	-0.16
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2259.3	3.77	0	78.08	0	-0.47	0	0	4.8	0	0	0	0	0	0	4.57	4.57
	Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1052	3.25	0	71.44	0	0.03	0	0	5.01	0	0	0	0	0	0	-20.42	-20.42
	Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1193.2	3.25	0	72.53	0	0.08	0	0	5.34	0	0	0	0	0	0	-21.9	-21.9
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1213.7	3.25	0	72.68	0	0.09	0	0	5.39	0	0	0	0	0	0	-22.1	-22.1
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1327	3.25	0	73.46	0	0.13	0	0	5.64	0	0	0	0	0	0	-23.17	-23.17
	Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1334.2	3.25	0	73.5	0	0.13	0	0	5.66	0	0	0	0	0	0	-23.24	-23.24
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1473	3.25	0	74.36	0	0.19	0	0	5.96	0	0	0	0	0	0	-24.45	-24.45
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1494.3	3.25	0	74.49	0	0.2	0	0	6.01	0	0	0	0	0	0	-24.63	-24.63
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1508.1	3.25	0	74.57	0	0.2	0	0	6.04	0	0	0	0	0	0	-24.75	-24.75
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1610.1	3.25	0	75.14	0	0.24	0	0	6.25	0	0	0	0	0	0	-25.57	-25.57
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1657.7	3.25	0	75.39	0	0.26	0	0	6.35	0	0	0	0	0	0	-25.95	-25.95
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1660.8	3.25	0	75.41	0	0.26	0	0	6.36	0	0	0	0	0	0	-25.97	-25.97
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1689.9	3.25	0	75.56	0	0.28	0	0	6.42	0	0	0	0	0	0	-26.19	-26.19
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1778.8	3.25	0	76	0	0.31	0	0	6.6	0	0	0	0	0	0	-26.86	-26.86
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1809	3.25	0	76.15	0	0.32	0	0	6.66	0	0	0	0	0	0	-27.08	-27.08
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1853.1	3.25	0	76.36	0	0.34	0	0	6.75	0	0	0	0	0	0	-27.39	-27.39

	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1981.6	3.25	0	76.94	0	0.4	0	0	7.01	0	0	0	0	0	0	-28.29	-28.29
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2387.4	3.25	0	78.56	0	0.57	0	0	7.78	0	0	0	0	0	0	-30.85	-30.85
Value D/N:	0	0																									
Level D/N:	26.8818	26.8818																									

Receiver: Vacant Lot Noise Receptor
ID: VLR2
X: 519108
Y: 4881632
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	437.94	3.25	0	63.83	0	-0.6	0	0	8	0	0	0	0	0	0	29.08	29.08
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	457.53	3.25	0	64.21	0	-0.58	0	0	8.17	0	0	0	0	0	0	28.51	28.51
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	483.42	3.25	0	64.69	0	-0.56	0	0	8.39	0	0	0	0	0	0	27.8	27.8
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	570.57	3.25	0	66.13	0	-0.5	0	0	9.02	0	0	0	0	0	0	25.66	25.66
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	724.79	3.25	0	68.2	0	-0.4	0	0	9.85	0	0	0	0	0	0	22.65	22.65
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	741.78	3.25	0	68.41	0	-0.39	0	0	9.93	0	0	0	0	0	0	22.36	22.36
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	752.23	3.25	0	68.53	0	-0.38	0	0	9.98	0	0	0	0	0	0	22.19	22.19
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	777.84	3.25	0	68.82	0	-0.36	0	0	10.09	0	0	0	0	0	0	21.77	21.77
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	857.31	3.25	0	69.66	0	-0.32	0	0	10.41	0	0	0	0	0	0	20.56	20.56
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	885.9	3.25	0	69.95	0	-0.3	0	0	10.51	0	0	0	0	0	0	20.15	20.15
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	943.11	3.25	0	70.49	0	-0.27	0	0	10.72	0	0	0	0	0	0	19.38	19.38
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1023.4	3.25	0	71.2	0	-0.23	0	0	10.99	0	0	0	0	0	0	18.36	18.36
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1048.9	3.25	0	71.41	0	-0.22	0	0	11.07	0	0	0	0	0	0	18.05	18.05
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1098.2	3.25	0	71.81	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.47	17.47
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1222	3.25	0	72.74	0	-0.14	0	0	11.59	0	0	0	0	0	0	16.13	16.13
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1661.6	4.4	0	75.41	0	-0.86	0	0	3.78	0	0	0	0	0	0	22.45	22.45
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1707.1	3.25	0	75.65	0	0.04	0	0	12.82	0	0	0	0	0	0	11.81	11.81
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2469.6	3.25	0	78.85	0	0.25	0	0	14.4	0	0	0	0	0	0	6.81	6.81
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2521.1	3.25	0	79.03	0	0.26	0	0	14.5	0	0	0	0	0	0	6.52	6.52
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1695.7	3.5	0	75.59	0	3.16	0	0	1.53	0	0	0	0	0	0	16.36	16.36
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2592.5	3.25	0	79.27	0	0.28	0	0	14.63	0	0	0	0	0	0	6.13	6.13
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2615.6	3.25	0	79.35	0	0.28	0	0	14.68	0	0	0	0	0	0	6	6
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2644.4	3.25	0	79.45	0	0.29	0	0	14.73	0	0	0	0	0	0	5.85	5.85
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2713.2	3.25	0	79.67	0	0.3	0	0	14.86	0	0	0	0	0	0	5.48	5.48
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2762.5	3.25	0	79.83	0	0.31	0	0	14.95	0	0	0	0	0	0	5.23	5.23
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2821.7	3.25	0	80.01	0	0.33	0	0	15.05	0	0	0	0	0	0	4.92	4.92
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2882.2	3.25	0	80.19	0	0.34	0	0	15.16	0	0	0	0	0	0	4.62	4.62
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2979	3.25	0	80.48	0	0.36	0	0	15.34	0	0	0	0	0	0	4.14	4.14
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	750.83	3.25	0	68.51	0	1.04	0	0	7.25	0	0	0	0	0	0	8.45	8.45
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1681.8	3.77	0	75.52	0	-0.59	0	0	3.81	0	0	0	0	0	0	8.24	8.24
	Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	441.03	3.25	0	63.89	0	-0.12	0	0	3.35	0	0	0	0	0	0	-11.07	-11.07
	Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	456.94	3.25	0	64.2	0	-0.12	0	0	3.41	0	0	0	0	0	0	-11.43	-11.43
	Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	482.01	3.25	0	64.66	0	-0.12	0	0	3.49	0	0	0	0	0	0	-11.98	-11.98
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	575.02	3.25	0	66.19	0	-0.11	0	0	3.78	0	0	0	0	0	0	-13.81	-13.81
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	724.57	3.25	0	68.2	0	-0.07	0	0	4.2	0	0	0	0	0	0	-16.27	-16.27
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	745.29	3.25	0	68.45	0	-0.07	0	0	4.25	0	0	0	0	0	0	-16.57	-16.57
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	746.81	3.25	0	68.46	0	-0.07	0	0	4.26	0	0	0	0	0	0	-16.6	-16.6
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	750.91	3.25	0	68.51	0	-0.07	0	0	4.27	0	0	0	0	0	0	-16.65	-16.65
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	779.37	3.25	0	68.83	0	-0.06	0	0	4.34	0	0	0	0	0	0	-17.06	-17.06
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	854.47	3.25	0	69.63	0	-0.04	0	0	4.53	0	0	0	0	0	0	-18.07	-18.07
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	889.51	3.25	0	69.98	0	-0.02	0	0	4.62	0	0	0	0	0	0	-18.52	-18.52
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	943.05	3.25	0	70.49	0	-0.01	0	0	4.75	0	0	0	0	0	0	-19.18	-19.18
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1020	3.25	0	71.17	0	0.02	0	0	4.94	0	0	0	0	0	0	-20.07	-20.07
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1047.9	3.25	0	71.41	0	0.03	0	0	5	0	0	0	0	0	0	-20.38	-20.38
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1100.2	3.25	0	71.83	0	0.05	0	0	5.13	0	0	0	0	0	0	-20.94	-20.94
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1219.7	3.25	0	72.72	0	0.09	0	0	5.4	0	0	0	0	0	0	-22.16	-22.16

Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1709	3.25	0	75.65	0	0.28	0	0	6.46	0	0	0	0	0	0	-26.34	-26.34
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2474.3	3.25	0	78.87	0	0.61	0	0	7.94	0	0	0	0	0	0	-31.36	-31.36
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2525.1	3.25	0	79.05	0	0.63	0	0	8.04	0	0	0	0	0	0	-31.65	-31.65
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2596.1	3.25	0	79.29	0	0.66	0	0	8.16	0	0	0	0	0	0	-32.05	-32.05
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2611.6	3.25	0	79.34	0	0.66	0	0	8.19	0	0	0	0	0	0	-32.14	-32.14
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2647.6	3.25	0	79.46	0	0.68	0	0	8.26	0	0	0	0	0	0	-32.33	-32.33
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2708.6	3.25	0	79.65	0	0.71	0	0	8.36	0	0	0	0	0	0	-32.67	-32.67
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2765.9	3.25	0	79.84	0	0.73	0	0	8.46	0	0	0	0	0	0	-32.97	-32.97
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2826.1	3.25	0	80.02	0	0.76	0	0	8.57	0	0	0	0	0	0	-33.29	-33.29
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2877.9	3.25	0	80.18	0	0.78	0	0	8.66	0	0	0	0	0	0	-33.56	-33.56
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2974.5	3.25	0	80.47	0	0.82	0	0	8.82	0	0	0	0	0	0	-34.05	-34.05
Value D/N: 0	0																								
Level D/N: 35.9986	35.9986																								

Receiver: Vacant Lot Noise Receptor
ID: VLR3
X: 518832
Y: 4881323
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	784.07	3.25	0	68.89	0	-0.36	0	0	10.11	0	0	0	0	0	0	21.67	21.67
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	829.87	3.25	0	69.38	0	-0.33	0	0	10.3	0	0	0	0	0	0	20.97	20.97
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	850.06	3.25	0	69.59	0	-0.32	0	0	10.38	0	0	0	0	0	0	20.67	20.67
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	983.6	3.25	0	70.86	0	-0.25	0	0	10.86	0	0	0	0	0	0	18.85	18.85
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1047.5	3.25	0	71.4	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.07	18.07
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1070	3.25	0	71.59	0	-0.21	0	0	11.14	0	0	0	0	0	0	17.8	17.8
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1154.6	3.25	0	72.25	0	-0.17	0	0	11.39	0	0	0	0	0	0	16.84	16.84
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1161.8	3.25	0	72.3	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.77	16.77
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1264.1	3.25	0	73.04	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.7	15.7
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1279.1	3.25	0	73.14	0	-0.12	0	0	11.75	0	0	0	0	0	0	15.55	15.55
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1300.2	3.25	0	73.28	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.34	15.34
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1417	3.25	0	74.03	0	-0.06	0	0	12.11	0	0	0	0	0	0	14.23	14.23
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1435.6	3.25	0	74.14	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.07	14.07
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1490.3	3.25	0	74.47	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.58	13.58
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1626.9	3.25	0	75.23	0	0.01	0	0	12.63	0	0	0	0	0	0	12.44	12.44
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2035.2	4.4	0	77.17	0	-0.81	0	0	4.43	0	0	0	0	0	0	19.99	19.99
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2102	3.25	0	77.45	0	0.16	0	0	13.67	0	0	0	0	0	0	9.03	9.03
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2879.8	3.25	0	80.19	0	0.34	0	0	15.16	0	0	0	0	0	0	4.63	4.63
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2935.4	3.25	0	80.35	0	0.35	0	0	15.26	0	0	0	0	0	0	4.35	4.35
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2070.1	3.5	0	77.32	0	3.24	0	0	1.76	0	0	0	0	0	0	14.31	14.31
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1159.5	3.25	0	72.29	0	1.16	0	0	7.93	0	0	0	0	0	0	3.87	3.87
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2054.9	3.77	0	77.26	0	-0.52	0	0	4.46	0	0	0	0	0	0	5.78	5.78
	Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	784.95	3.25	0	68.9	0	-0.06	0	0	4.36	0	0	0	0	0	0	-17.14	-17.14
	Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	827.54	3.25	0	69.36	0	-0.04	0	0	4.47	0	0	0	0	0	0	-17.72	-17.72
	Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	853.47	3.25	0	69.62	0	-0.04	0	0	4.53	0	0	0	0	0	0	-18.06	-18.06
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	987.86	3.25	0	70.89	0	0.01	0	0	4.86	0	0	0	0	0	0	-19.7	-19.7
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1048.1	3.25	0	71.41	0	0.03	0	0	5	0	0	0	0	0	0	-20.38	-20.38
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1071.3	3.25	0	71.6	0	0.04	0	0	5.06	0	0	0	0	0	0	-20.63	-20.63
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1155.7	3.25	0	72.26	0	0.07	0	0	5.25	0	0	0	0	0	0	-21.52	-21.52
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1158.3	3.25	0	72.28	0	0.07	0	0	5.26	0	0	0	0	0	0	-21.55	-21.55
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1164.2	3.25	0	72.32	0	0.07	0	0	5.27	0	0	0	0	0	0	-21.61	-21.61
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1260.8	3.25	0	73.01	0	0.11	0	0	5.49	0	0	0	0	0	0	-22.55	-22.55
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1280.2	3.25	0	73.15	0	0.11	0	0	5.54	0	0	0	0	0	0	-22.74	-22.74
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1303.8	3.25	0	73.3	0	0.12	0	0	5.59	0	0	0	0	0	0	-22.96	-22.96
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1415.1	3.25	0	74.02	0	0.17	0	0	5.83	0	0	0	0	0	0	-23.96	-23.96
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1432	3.25	0	74.12	0	0.17	0	0	5.87	0	0	0	0	0	0	-24.1	-24.1
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1492.9	3.25	0	74.48	0	0.2	0	0	6	0	0	0	0	0	0	-24.62	-24.62

	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1624.3	3.25	0	75.21	0	0.25	0	0	6.28	0	0	0	0	0	0	-25.68	-25.68
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2104.2	3.25	0	77.46	0	0.45	0	0	7.25	0	0	0	0	0	0	-29.1	-29.1
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2884.3	3.25	0	80.2	0	0.78	0	0	8.67	0	0	0	0	0	0	-33.59	-33.59
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2939.4	3.25	0	80.37	0	0.8	0	0	8.76	0	0	0	0	0	0	-33.88	-33.88
Value D/N:	0	0																									
Level D/N:	30.1357	30.1357																									

Receiver: Vacant Lot Noise Receptor
ID: VLR4
X: 518493
Y: 4882602
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	505.07	3.25	0	65.07	0	-0.55	0	0	8.56	0	0	0	0	0	0	27.23	27.23
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	601.61	3.25	0	66.59	0	-0.48	0	0	9.21	0	0	0	0	0	0	24.99	24.99
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	662.13	3.25	0	67.42	0	-0.44	0	0	9.55	0	0	0	0	0	0	23.78	23.78
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	695.44	3.25	0	67.85	0	-0.41	0	0	9.72	0	0	0	0	0	0	23.17	23.17
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	793.59	3.25	0	68.99	0	-0.36	0	0	10.15	0	0	0	0	0	0	21.52	21.52
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	838.57	3.25	0	69.47	0	-0.33	0	0	10.33	0	0	0	0	0	0	20.84	20.84
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	839.52	3.25	0	69.48	0	-0.33	0	0	10.34	0	0	0	0	0	0	20.82	20.82
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	987.08	3.25	0	70.89	0	-0.25	0	0	10.87	0	0	0	0	0	0	18.81	18.81
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1045.6	3.25	0	71.39	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.09	18.09
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1049	3.25	0	71.42	0	-0.22	0	0	11.07	0	0	0	0	0	0	18.05	18.05
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1109.5	3.25	0	71.9	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.35	17.35
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1187.3	4.4	0	72.49	0	-0.9	0	0	2.89	0	0	0	0	0	0	26.3	26.3
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1186.4	3.25	0	72.48	0	-0.16	0	0	11.49	0	0	0	0	0	0	16.5	16.5
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1191.1	3.25	0	72.52	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.45	16.45
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1208.1	3.25	0	72.64	0	-0.15	0	0	11.55	0	0	0	0	0	0	16.27	16.27
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1250.4	3.25	0	72.94	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.83	15.83
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1399.4	3.25	0	73.92	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.4	14.4
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1218.6	3.5	0	72.72	0	3.03	0	0	1.22	0	0	0	0	0	0	19.66	19.66
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2483.2	3.25	0	78.9	0	0.25	0	0	14.43	0	0	0	0	0	0	6.73	6.73
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2535.9	3.25	0	79.08	0	0.27	0	0	14.53	0	0	0	0	0	0	6.44	6.44
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2592.9	3.25	0	79.28	0	0.28	0	0	14.63	0	0	0	0	0	0	6.13	6.13
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2626	3.25	0	79.39	0	0.29	0	0	14.69	0	0	0	0	0	0	5.95	5.95
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2694.1	3.25	0	79.61	0	0.3	0	0	14.82	0	0	0	0	0	0	5.58	5.58
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2768.6	3.25	0	79.85	0	0.32	0	0	14.96	0	0	0	0	0	0	5.19	5.19
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2789.6	3.25	0	79.91	0	0.32	0	0	15	0	0	0	0	0	0	5.09	5.09
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2851.4	3.25	0	80.1	0	0.33	0	0	15.11	0	0	0	0	0	0	4.77	4.77
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2859.9	3.25	0	80.13	0	0.33	0	0	15.12	0	0	0	0	0	0	4.73	4.73
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1199.4	3.77	0	72.58	0	-0.67	0	0	2.92	0	0	0	0	0	0	12.15	12.15
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1326.9	3.25	0	73.46	0	1.17	0	0	8.17	0	0	0	0	0	0	2.45	2.45
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	510.37	3.25	0	65.16	0	-0.12	0	0	3.58	0	0	0	0	0	0	-12.57	-12.57
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	606.61	3.25	0	66.66	0	-0.1	0	0	3.87	0	0	0	0	0	0	-14.37	-14.37
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	667.76	3.25	0	67.49	0	-0.09	0	0	4.05	0	0	0	0	0	0	-15.39	-15.39
	Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	698.87	3.25	0	67.89	0	-0.08	0	0	4.13	0	0	0	0	0	0	-15.88	-15.88
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	787.61	3.25	0	68.93	0	-0.06	0	0	4.36	0	0	0	0	0	0	-17.17	-17.17
	Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	834.79	3.25	0	69.43	0	-0.04	0	0	4.48	0	0	0	0	0	0	-17.81	-17.81
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	844.36	3.25	0	69.53	0	-0.04	0	0	4.51	0	0	0	0	0	0	-17.94	-17.94
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	993.07	3.25	0	70.94	0	0.01	0	0	4.87	0	0	0	0	0	0	-19.76	-19.76
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1039.7	3.25	0	71.34	0	0.03	0	0	4.98	0	0	0	0	0	0	-20.29	-20.29
	Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1053.8	3.25	0	71.46	0	0.03	0	0	5.02	0	0	0	0	0	0	-20.44	-20.44
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1115.1	3.25	0	71.95	0	0.05	0	0	5.16	0	0	0	0	0	0	-21.1	-21.1
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1181.4	3.25	0	72.45	0	0.08	0	0	5.31	0	0	0	0	0	0	-21.78	-21.78
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1196.4	3.25	0	72.56	0	0.08	0	0	5.35	0	0	0	0	0	0	-21.93	-21.93
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1202.2	3.25	0	72.6	0	0.08	0	0	5.36	0	0	0	0	0	0	-21.99	-21.99
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1256	3.25	0	72.98	0	0.1	0	0	5.48	0	0	0	0	0	0	-22.51	-22.51

Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1322.3	3.25	0	73.43	0	0.13	0	0	5.63	0	0	0	0	0	0	-23.13	-23.13
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1403.9	3.25	0	73.95	0	0.16	0	0	5.81	0	0	0	0	0	0	-23.86	-23.86
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2488.8	3.25	0	78.92	0	0.61	0	0	7.97	0	0	0	0	0	0	-31.44	-31.44
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2540.4	3.25	0	79.1	0	0.63	0	0	8.06	0	0	0	0	0	0	-31.74	-31.74
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2598.7	3.25	0	79.3	0	0.66	0	0	8.17	0	0	0	0	0	0	-32.06	-32.06
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2630.8	3.25	0	79.4	0	0.67	0	0	8.23	0	0	0	0	0	0	-32.24	-32.24
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2698.7	3.25	0	79.62	0	0.7	0	0	8.35	0	0	0	0	0	0	-32.61	-32.61
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2763.7	3.25	0	79.83	0	0.73	0	0	8.46	0	0	0	0	0	0	-32.96	-32.96
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2783.8	3.25	0	79.89	0	0.74	0	0	8.5	0	0	0	0	0	0	-33.07	-33.07
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2854.3	3.25	0	80.11	0	0.77	0	0	8.62	0	0	0	0	0	0	-33.44	-33.44
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2857.1	3.25	0	80.12	0	0.77	0	0	8.62	0	0	0	0	0	0	-33.45	-33.45
Value D/N:	0	0																							
Level D/N:	34.3132	34.3132																							

Receiver: Vacant Lot Noise Receptor
ID: VLR5
X: 520011
Y: 4883135
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	270.5	3.25	0	59.64	0	-0.64	0	0	5.96	0	0	0	0	0	0	35.35	35.35
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	535.19	4.4	0	65.57	0	-0.81	0	0	1.51	0	0	0	0	0	0	34.5	34.5
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	538.49	3.25	0	65.62	0	-0.52	0	0	8.81	0	0	0	0	0	0	26.4	26.4
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	709.97	3.25	0	68.02	0	-0.41	0	0	9.78	0	0	0	0	0	0	22.91	22.91
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	735.79	3.25	0	68.34	0	-0.39	0	0	9.9	0	0	0	0	0	0	22.46	22.46
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	526.39	3.5	0	65.43	0	2.23	0	0	0.73	0	0	0	0	0	0	28.24	28.24
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	865.16	3.25	0	69.74	0	-0.32	0	0	10.44	0	0	0	0	0	0	20.45	20.45
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	876.15	3.25	0	69.85	0	-0.31	0	0	10.48	0	0	0	0	0	0	20.29	20.29
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	897.79	3.25	0	70.06	0	-0.3	0	0	10.56	0	0	0	0	0	0	19.99	19.99
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	901.13	3.25	0	70.1	0	-0.3	0	0	10.57	0	0	0	0	0	0	19.94	19.94
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	947.5	3.25	0	70.53	0	-0.27	0	0	10.73	0	0	0	0	0	0	19.32	19.32
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1007.1	3.25	0	71.06	0	-0.24	0	0	10.93	0	0	0	0	0	0	18.56	18.56
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1015.8	3.25	0	71.14	0	-0.24	0	0	10.96	0	0	0	0	0	0	18.45	18.45
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1018.3	3.25	0	71.16	0	-0.24	0	0	10.97	0	0	0	0	0	0	18.42	18.42
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1031.4	3.25	0	71.27	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.26	18.26
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1074.5	3.25	0	71.62	0	-0.21	0	0	11.15	0	0	0	0	0	0	17.75	17.75
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1096.1	3.25	0	71.8	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.5	17.5
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1185	3.25	0	72.47	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.52	16.52
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1185.4	3.25	0	72.48	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.51	16.51
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1192	3.25	0	72.53	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.44	16.44
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1218	3.25	0	72.71	0	-0.15	0	0	11.58	0	0	0	0	0	0	16.17	16.17
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1242.6	3.25	0	72.89	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.92	15.92
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1254.8	3.25	0	72.97	0	-0.13	0	0	11.68	0	0	0	0	0	0	15.79	15.79
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1316	3.25	0	73.39	0	-0.11	0	0	11.85	0	0	0	0	0	0	15.18	15.18
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1319.9	3.25	0	73.41	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.15	15.15
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1352.5	3.25	0	73.62	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.83	14.83
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1441.6	3.25	0	74.18	0	-0.06	0	0	12.18	0	0	0	0	0	0	14.01	14.01
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1472.2	3.25	0	74.36	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.74	13.74
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1627.3	3.25	0	75.23	0	0.01	0	0	12.63	0	0	0	0	0	0	12.44	12.44
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1761.2	3.25	0	75.92	0	0.06	0	0	12.94	0	0	0	0	0	0	11.4	11.4
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1822.8	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	10.94	10.94
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	539.13	3.77	0	65.63	0	-0.66	0	0	1.52	0	0	0	0	0	0	20.48	20.48
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1098.5	3.25	0	71.82	0	1.15	0	0	7.84	0	0	0	0	0	0	4.44	4.44
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	265.72	3.25	0	59.49	0	-0.04	0	0	2.61	0	0	0	0	0	0	-6.01	-6.01
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	541.64	3.25	0	65.67	0	-0.11	0	0	3.68	0	0	0	0	0	0	-13.18	-13.18
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	705.48	3.25	0	67.97	0	-0.08	0	0	4.15	0	0	0	0	0	0	-15.98	-15.98
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	738.4	3.25	0	68.37	0	-0.07	0	0	4.24	0	0	0	0	0	0	-16.47	-16.47

Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	870.2	3.25	0	69.79	0	-0.03	0	0	4.57	0	0	0	0	0	0	-18.28	-18.28
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	881.63	3.25	0	69.91	0	-0.03	0	0	4.6	0	0	0	0	0	0	-18.42	-18.42
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	899.47	3.25	0	70.08	0	-0.02	0	0	4.64	0	0	0	0	0	0	-18.64	-18.64
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	901.12	3.25	0	70.1	0	-0.02	0	0	4.65	0	0	0	0	0	0	-18.67	-18.67
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	951.63	3.25	0	70.57	0	0	0	0	4.77	0	0	0	0	0	0	-19.28	-19.28
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1013	3.25	0	71.11	0	0.02	0	0	4.92	0	0	0	0	0	0	-19.99	-19.99
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1013.1	3.25	0	71.11	0	0.02	0	0	4.92	0	0	0	0	0	0	-19.99	-19.99
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1023.1	3.25	0	71.2	0	0.02	0	0	4.94	0	0	0	0	0	0	-20.1	-20.1
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1027.3	3.25	0	71.23	0	0.02	0	0	4.95	0	0	0	0	0	0	-20.15	-20.15
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1070.2	3.25	0	71.59	0	0.04	0	0	5.06	0	0	0	0	0	0	-20.62	-20.62
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1099.9	3.25	0	71.83	0	0.05	0	0	5.12	0	0	0	0	0	0	-20.94	-20.94
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1100.4	3.25	0	71.83	0	0.05	0	0	5.13	0	0	0	0	0	0	-20.95	-20.95
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1179.2	3.25	0	72.43	0	0.08	0	0	5.31	0	0	0	0	0	0	-21.76	-21.76
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1180.4	3.25	0	72.44	0	0.08	0	0	5.31	0	0	0	0	0	0	-21.77	-21.77
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1187.7	3.25	0	72.49	0	0.08	0	0	5.33	0	0	0	0	0	0	-21.84	-21.84
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1215.6	3.25	0	72.7	0	0.09	0	0	5.39	0	0	0	0	0	0	-22.12	-22.12
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1248.2	3.25	0	72.93	0	0.1	0	0	5.46	0	0	0	0	0	0	-22.43	-22.43
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1249.4	3.25	0	72.93	0	0.1	0	0	5.47	0	0	0	0	0	0	-22.44	-22.44
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1313.3	3.25	0	73.37	0	0.13	0	0	5.61	0	0	0	0	0	0	-23.05	-23.05
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1315	3.25	0	73.38	0	0.13	0	0	5.61	0	0	0	0	0	0	-23.06	-23.06
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1356.3	3.25	0	73.65	0	0.14	0	0	5.71	0	0	0	0	0	0	-23.44	-23.44
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1435.9	3.25	0	74.14	0	0.17	0	0	5.88	0	0	0	0	0	0	-24.14	-24.14
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1468.7	3.25	0	74.34	0	0.19	0	0	5.95	0	0	0	0	0	0	-24.42	-24.42
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1633.1	3.25	0	75.26	0	0.25	0	0	6.3	0	0	0	0	0	0	-25.75	-25.75
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1755.9	3.25	0	75.89	0	0.3	0	0	6.55	0	0	0	0	0	0	-26.69	-26.69
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1817.4	3.25	0	76.19	0	0.33	0	0	6.68	0	0	0	0	0	0	-27.14	-27.14
Value D/N: 0	0																								
Level D/N: 39.6256	39.6256																								

Receiver: Vacant Lot Noise Receptor
ID: VLR6
X: 520196
Y: 4881971
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	585.83	3.25	0	66.36	0	-0.49	0	0	9.12	0	0	0	0	0	0	25.33	25.33
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	667.52	3.25	0	67.49	0	-0.43	0	0	9.58	0	0	0	0	0	0	23.68	23.68
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	707.13	3.25	0	67.99	0	-0.41	0	0	9.77	0	0	0	0	0	0	22.96	22.96
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	708.53	3.25	0	68.01	0	-0.41	0	0	9.78	0	0	0	0	0	0	22.93	22.93
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	796.64	3.25	0	69.03	0	-0.35	0	0	10.17	0	0	0	0	0	0	21.47	21.47
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	846.4	3.25	0	69.55	0	-0.33	0	0	10.36	0	0	0	0	0	0	20.72	20.72
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	908.86	3.25	0	70.17	0	-0.29	0	0	10.6	0	0	0	0	0	0	19.84	19.84
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	984.3	3.25	0	70.86	0	-0.25	0	0	10.86	0	0	0	0	0	0	18.84	18.84
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	999.28	3.25	0	70.99	0	-0.25	0	0	10.91	0	0	0	0	0	0	18.66	18.66
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1046.5	3.25	0	71.39	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.08	18.08
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1146.6	3.25	0	72.19	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.93	16.93
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1154.3	3.25	0	72.25	0	-0.17	0	0	11.39	0	0	0	0	0	0	16.85	16.85
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1233.3	3.25	0	72.82	0	-0.14	0	0	11.62	0	0	0	0	0	0	16.01	16.01
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1256.7	3.25	0	72.98	0	-0.13	0	0	11.69	0	0	0	0	0	0	15.77	15.77
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1317.3	3.25	0	73.39	0	-0.1	0	0	11.85	0	0	0	0	0	0	15.17	15.17
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1319	3.25	0	73.4	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.15	15.15
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1461.4	4.4	0	74.3	0	-0.88	0	0	3.41	0	0	0	0	0	0	23.95	23.95
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1477.5	3.25	0	74.39	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.7	13.7
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1591	3.25	0	75.03	0	0	0	0	12.55	0	0	0	0	0	0	12.73	12.73
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1639.2	3.25	0	75.29	0	0.02	0	0	12.66	0	0	0	0	0	0	12.34	12.34
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1647.9	3.25	0	75.34	0	0.02	0	0	12.68	0	0	0	0	0	0	12.27	12.27
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1727.1	3.25	0	75.75	0	0.05	0	0	12.86	0	0	0	0	0	0	11.66	11.66

Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1800.8	3.25	0	76.11	0	0.07	0	0	13.03	0	0	0	0	0	0	11.1	11.1
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1856.4	3.25	0	76.37	0	0.09	0	0	13.15	0	0	0	0	0	0	10.7	10.7
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1872.8	3.25	0	76.45	0	0.09	0	0	13.19	0	0	0	0	0	0	10.58	10.58
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1946.6	3.25	0	76.79	0	0.11	0	0	13.35	0	0	0	0	0	0	10.06	10.06
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1975.8	3.25	0	76.92	0	0.12	0	0	13.41	0	0	0	0	0	0	9.86	9.86
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2154.2	3.25	0	77.67	0	0.17	0	0	13.78	0	0	0	0	0	0	8.69	8.69
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2212.9	3.25	0	77.9	0	0.19	0	0	13.9	0	0	0	0	0	0	8.33	8.33
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1480.6	3.5	0	74.41	0	3.11	0	0	1.39	0	0	0	0	0	0	17.72	17.72
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2368	3.25	0	78.49	0	0.23	0	0	14.2	0	0	0	0	0	0	7.39	7.39
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	495.69	3.25	0	64.9	0	0.82	0	0	6.53	0	0	0	0	0	0	13	13
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1479	3.77	0	74.4	0	-0.63	0	0	3.45	0	0	0	0	0	0	9.76	9.76
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	500.58	3.25	0	64.99	0	-0.12	0	0	3.55	0	0	0	0	0	0	-12.37	-12.37
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	580.93	3.25	0	66.28	0	-0.11	0	0	3.8	0	0	0	0	0	0	-13.92	-13.92
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	661.54	3.25	0	67.41	0	-0.09	0	0	4.03	0	0	0	0	0	0	-15.29	-15.29
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	701.57	3.25	0	67.92	0	-0.08	0	0	4.14	0	0	0	0	0	0	-15.92	-15.92
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	712.79	3.25	0	68.06	0	-0.08	0	0	4.17	0	0	0	0	0	0	-16.09	-16.09
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	801.77	3.25	0	69.08	0	-0.05	0	0	4.4	0	0	0	0	0	0	-17.37	-17.37
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	840.68	3.25	0	69.49	0	-0.04	0	0	4.5	0	0	0	0	0	0	-17.89	-17.89
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	911.74	3.25	0	70.2	0	-0.02	0	0	4.68	0	0	0	0	0	0	-18.8	-18.8
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	978.86	3.25	0	70.81	0	0	0	0	4.84	0	0	0	0	0	0	-19.6	-19.6
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	994.97	3.25	0	70.96	0	0.01	0	0	4.88	0	0	0	0	0	0	-19.79	-19.79
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1052.4	3.25	0	71.44	0	0.03	0	0	5.01	0	0	0	0	0	0	-20.43	-20.43
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1148.6	3.25	0	72.2	0	0.06	0	0	5.24	0	0	0	0	0	0	-21.45	-21.45
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1151.4	3.25	0	72.22	0	0.07	0	0	5.24	0	0	0	0	0	0	-21.48	-21.48
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1228.3	3.25	0	72.79	0	0.09	0	0	5.42	0	0	0	0	0	0	-22.24	-22.24
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1252.3	3.25	0	72.95	0	0.1	0	0	5.47	0	0	0	0	0	0	-22.47	-22.47
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1311.6	3.25	0	73.36	0	0.13	0	0	5.61	0	0	0	0	0	0	-23.03	-23.03
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1317.3	3.25	0	73.39	0	0.13	0	0	5.62	0	0	0	0	0	0	-23.08	-23.08
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1480.8	3.25	0	74.41	0	0.19	0	0	5.98	0	0	0	0	0	0	-24.52	-24.52
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1587.8	3.25	0	75.02	0	0.23	0	0	6.2	0	0	0	0	0	0	-25.4	-25.4
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1641.4	3.25	0	75.3	0	0.26	0	0	6.32	0	0	0	0	0	0	-25.82	-25.82
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1650.3	3.25	0	75.35	0	0.26	0	0	6.34	0	0	0	0	0	0	-25.89	-25.89
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1723.8	3.25	0	75.73	0	0.29	0	0	6.49	0	0	0	0	0	0	-26.45	-26.45
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1802.5	3.25	0	76.12	0	0.32	0	0	6.65	0	0	0	0	0	0	-27.03	-27.03
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1859.6	3.25	0	76.39	0	0.35	0	0	6.76	0	0	0	0	0	0	-27.44	-27.44
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1874.9	3.25	0	76.46	0	0.35	0	0	6.8	0	0	0	0	0	0	-27.55	-27.55
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1943.6	3.25	0	76.77	0	0.38	0	0	6.93	0	0	0	0	0	0	-28.03	-28.03
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1972.3	3.25	0	76.9	0	0.39	0	0	6.99	0	0	0	0	0	0	-28.22	-28.22
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2158	3.25	0	77.68	0	0.47	0	0	7.35	0	0	0	0	0	0	-29.44	-29.44
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2209.2	3.25	0	77.88	0	0.49	0	0	7.45	0	0	0	0	0	0	-29.77	-29.77
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2364.4	3.25	0	78.47	0	0.56	0	0	7.74	0	0	0	0	0	0	-30.71	-30.71
Value D/N: 0	0																									
Level D/N: 33.5835	33.5835																									

Receiver: Vacant Lot Noise Receptor
ID: VLR7
X: 520133
Y: 4882452
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	439.42	3.25	0	63.86	0	-0.59	0	0	8.01	0	0	0	0	0	0	29.04	29.04
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	459.87	3.25	0	64.25	0	-0.58	0	0	8.2	0	0	0	0	0	0	28.44	28.44
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	529.01	3.25	0	65.47	0	-0.53	0	0	8.74	0	0	0	0	0	0	26.63	26.63
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	620.52	3.25	0	66.86	0	-0.46	0	0	9.32	0	0	0	0	0	0	24.6	24.6
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	631.46	3.25	0	67.01	0	-0.46	0	0	9.38	0	0	0	0	0	0	24.38	24.38
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	689.08	3.25	0	67.77	0	-0.42	0	0	9.68	0	0	0	0	0	0	23.28	23.28
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	744.12	3.25	0	68.43	0	-0.38	0	0	9.94	0	0	0	0	0	0	22.32	22.32

Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	832.7	3.25	0	69.41	0	-0.33	0	0	10.31	0	0	0	0	0	0	20.92	20.92
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	851.05	3.25	0	69.6	0	-0.32	0	0	10.38	0	0	0	0	0	0	20.65	20.65
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	875.56	3.25	0	69.85	0	-0.31	0	0	10.48	0	0	0	0	0	0	20.3	20.3
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	905.6	3.25	0	70.14	0	-0.29	0	0	10.59	0	0	0	0	0	0	19.88	19.88
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1025.6	4.4	0	71.22	0	-0.91	0	0	2.57	0	0	0	0	0	0	27.89	27.89
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1029.4	3.25	0	71.25	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.29	18.29
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1043	3.25	0	71.37	0	-0.23	0	0	11.05	0	0	0	0	0	0	18.12	18.12
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	1046.3	3.25	0	71.39	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.08	18.08
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1157.2	3.25	0	72.27	0	-0.17	0	0	11.4	0	0	0	0	0	0	16.82	16.82
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1197.2	3.25	0	72.56	0	-0.16	0	0	11.52	0	0	0	0	0	0	16.39	16.39
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1217.5	3.25	0	72.71	0	-0.15	0	0	11.58	0	0	0	0	0	0	16.17	16.17
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1240.4	3.25	0	72.87	0	-0.14	0	0	11.64	0	0	0	0	0	0	15.94	15.94
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1289.1	3.25	0	73.21	0	-0.12	0	0	11.78	0	0	0	0	0	0	15.45	15.45
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1304	3.25	0	73.31	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.3	15.3
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1385.3	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.53	14.53
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1402.1	3.25	0	73.94	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.37	14.37
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1481.6	3.25	0	74.41	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.66	13.66
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1514.9	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.37	13.37
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1584.2	3.25	0	75	0	0	0	0	12.53	0	0	0	0	0	0	12.79	12.79
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1039.6	3.5	0	71.34	0	2.94	0	0	1.1	0	0	0	0	0	0	21.25	21.25
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1666.9	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	12.12	12.12
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1855.3	3.25	0	76.37	0	0.09	0	0	13.15	0	0	0	0	0	0	10.71	10.71
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1943.1	3.25	0	76.77	0	0.11	0	0	13.34	0	0	0	0	0	0	10.09	10.09
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2069.7	3.25	0	77.32	0	0.15	0	0	13.61	0	0	0	0	0	0	9.24	9.24
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	563.14	3.25	0	66.01	0	0.9	0	0	6.77	0	0	0	0	0	0	11.57	11.57
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1041.1	3.77	0	71.35	0	-0.68	0	0	2.6	0	0	0	0	0	0	13.71	13.71
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	445.41	3.25	0	63.98	0	-0.12	0	0	3.37	0	0	0	0	0	0	-11.17	-11.17
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	454.69	3.25	0	64.15	0	-0.12	0	0	3.4	0	0	0	0	0	0	-11.38	-11.38
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	533.36	3.25	0	65.54	0	-0.11	0	0	3.66	0	0	0	0	0	0	-13.02	-13.02
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	566.88	3.25	0	66.07	0	-0.11	0	0	3.76	0	0	0	0	0	0	-13.66	-13.66
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	625.83	3.25	0	66.93	0	-0.1	0	0	3.93	0	0	0	0	0	0	-14.7	-14.7
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	626.49	3.25	0	66.94	0	-0.1	0	0	3.93	0	0	0	0	0	0	-14.71	-14.71
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	683.38	3.25	0	67.69	0	-0.09	0	0	4.09	0	0	0	0	0	0	-15.64	-15.64
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	739.26	3.25	0	68.38	0	-0.07	0	0	4.24	0	0	0	0	0	0	-16.49	-16.49
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	826.72	3.25	0	69.35	0	-0.04	0	0	4.46	0	0	0	0	0	0	-17.71	-17.71
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	848.82	3.25	0	69.58	0	-0.04	0	0	4.52	0	0	0	0	0	0	-18	-18
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	881.38	3.25	0	69.9	0	-0.03	0	0	4.6	0	0	0	0	0	0	-18.42	-18.42
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	900.72	3.25	0	70.09	0	-0.02	0	0	4.65	0	0	0	0	0	0	-18.66	-18.66
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1023.5	3.25	0	71.2	0	0.02	0	0	4.94	0	0	0	0	0	0	-20.11	-20.11
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	1041.3	3.25	0	71.35	0	0.03	0	0	4.99	0	0	0	0	0	0	-20.31	-20.31
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1048.6	3.25	0	71.41	0	0.03	0	0	5	0	0	0	0	0	0	-20.39	-20.39
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1161.8	3.25	0	72.3	0	0.07	0	0	5.27	0	0	0	0	0	0	-21.58	-21.58
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1191.2	3.25	0	72.52	0	0.08	0	0	5.34	0	0	0	0	0	0	-21.88	-21.88
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1212.7	3.25	0	72.68	0	0.09	0	0	5.38	0	0	0	0	0	0	-22.09	-22.09
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1243.7	3.25	0	72.89	0	0.1	0	0	5.45	0	0	0	0	0	0	-22.39	-22.39
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1292.5	3.25	0	73.23	0	0.12	0	0	5.56	0	0	0	0	0	0	-22.85	-22.85
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1299.9	3.25	0	73.28	0	0.12	0	0	5.58	0	0	0	0	0	0	-22.92	-22.92
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1387.7	3.25	0	73.85	0	0.15	0	0	5.77	0	0	0	0	0	0	-23.72	-23.72
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1397.7	3.25	0	73.91	0	0.16	0	0	5.8	0	0	0	0	0	0	-23.8	-23.8
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1484.4	3.25	0	74.43	0	0.19	0	0	5.98	0	0	0	0	0	0	-24.55	-24.55
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1519	3.25	0	74.63	0	0.21	0	0	6.06	0	0	0	0	0	0	-24.84	-24.84
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1580.4	3.25	0	74.98	0	0.23	0	0	6.19	0	0	0	0	0	0	-25.34	-25.34
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1662.4	3.25	0	75.41	0	0.26	0	0	6.36	0	0	0	0	0	0	-25.98	-25.98
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1859.9	3.25	0	76.39	0	0.35	0	0	6.76	0	0	0	0	0	0	-27.44	-27.44
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1938.7	3.25	0	76.75	0	0.38	0	0	6.92	0	0	0	0	0	0	-27.99	-27.99
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2065.4	3.25	0	77.3	0	0.43	0	0	7.17	0	0	0	0	0	0	-28.84	-28.84
Value D/N: 0	0																									
Level D/N: 36.7594	36.7594																									

Receiver: Vacant Lot Noise Receptor
ID: VLR8
X: 521831
Y: 4884149
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	378.06	3.25	0	62.55	0	-0.63	0	0	7.38	0	0	0	0	0	0	31.01	31.01
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	577.6	3.25	0	66.23	0	-0.49	0	0	9.07	0	0	0	0	0	0	25.51	25.51
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	580.49	3.25	0	66.28	0	-0.49	0	0	9.08	0	0	0	0	0	0	25.44	25.44
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	747.76	3.25	0	68.48	0	-0.38	0	0	9.96	0	0	0	0	0	0	22.26	22.26
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	835.87	3.25	0	69.44	0	-0.33	0	0	10.32	0	0	0	0	0	0	20.88	20.88
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	886.44	3.25	0	69.95	0	-0.3	0	0	10.52	0	0	0	0	0	0	20.15	20.15
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	987.49	3.25	0	70.89	0	-0.25	0	0	10.87	0	0	0	0	0	0	18.8	18.8
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1001.6	3.25	0	71.01	0	-0.25	0	0	10.92	0	0	0	0	0	0	18.63	18.63
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1116.3	3.25	0	71.96	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.27	17.27
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1134.7	3.25	0	72.1	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.06	17.06
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1143.2	3.25	0	72.16	0	-0.18	0	0	11.36	0	0	0	0	0	0	16.97	16.97
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1213.5	3.25	0	72.68	0	-0.15	0	0	11.56	0	0	0	0	0	0	16.21	16.21
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1250.9	3.25	0	72.94	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.83	15.83
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2280	3.25	0	78.16	0	0.2	0	0	14.03	0	0	0	0	0	0	7.92	7.92
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2509.5	4.4	0	78.99	0	-0.73	0	0	5.2	0	0	0	0	0	0	17.31	17.31
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2590.2	3.25	0	79.27	0	0.28	0	0	14.63	0	0	0	0	0	0	6.14	6.14
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2717.1	3.25	0	79.68	0	0.3	0	0	14.86	0	0	0	0	0	0	5.46	5.46
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2781.4	3.25	0	79.89	0	0.32	0	0	14.98	0	0	0	0	0	0	5.13	5.13
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2826.7	3.25	0	80.03	0	0.33	0	0	15.06	0	0	0	0	0	0	4.9	4.9
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2909.9	3.25	0	80.28	0	0.34	0	0	15.21	0	0	0	0	0	0	4.48	4.48
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2947.3	3.25	0	80.39	0	0.35	0	0	15.28	0	0	0	0	0	0	4.29	4.29
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2985.3	3.25	0	80.5	0	0.36	0	0	15.35	0	0	0	0	0	0	4.11	4.11
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2482.7	3.5	0	78.9	0	3.32	0	0	2.01	0	0	0	0	0	0	12.41	12.41
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2501.4	3.77	0	78.96	0	-0.42	0	0	5.19	0	0	0	0	0	0	3.24	3.24
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2963	3.25	0	80.43	0	1.09	0	0	10.07	0	0	0	0	0	0	-6.35	-6.35
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	379.73	3.25	0	62.59	0	-0.11	0	0	3.13	0	0	0	0	0	0	-9.55	-9.55
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	574.78	3.25	0	66.19	0	-0.11	0	0	3.78	0	0	0	0	0	0	-13.81	-13.81
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	581.48	3.25	0	66.29	0	-0.11	0	0	3.8	0	0	0	0	0	0	-13.93	-13.93
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	751.23	3.25	0	68.52	0	-0.07	0	0	4.27	0	0	0	0	0	0	-16.66	-16.66
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	840.79	3.25	0	69.49	0	-0.04	0	0	4.5	0	0	0	0	0	0	-17.89	-17.89
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	882.07	3.25	0	69.91	0	-0.03	0	0	4.6	0	0	0	0	0	0	-18.43	-18.43
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	983.09	3.25	0	70.85	0	0.01	0	0	4.85	0	0	0	0	0	0	-19.65	-19.65
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1005.6	3.25	0	71.05	0	0.01	0	0	4.9	0	0	0	0	0	0	-19.91	-19.91
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1112.5	3.25	0	71.93	0	0.05	0	0	5.15	0	0	0	0	0	0	-21.07	-21.07
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1137.5	3.25	0	72.12	0	0.06	0	0	5.21	0	0	0	0	0	0	-21.33	-21.33
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1138.7	3.25	0	72.13	0	0.06	0	0	5.21	0	0	0	0	0	0	-21.35	-21.35
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1208.5	3.25	0	72.64	0	0.09	0	0	5.37	0	0	0	0	0	0	-22.05	-22.05
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1247	3.25	0	72.92	0	0.1	0	0	5.46	0	0	0	0	0	0	-22.42	-22.42
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2275.4	3.25	0	78.14	0	0.52	0	0	7.57	0	0	0	0	0	0	-30.18	-30.18
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2594.3	3.25	0	79.28	0	0.66	0	0	8.16	0	0	0	0	0	0	-32.04	-32.04
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2721.8	3.25	0	79.7	0	0.71	0	0	8.39	0	0	0	0	0	0	-32.74	-32.74
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2776.3	3.25	0	79.87	0	0.73	0	0	8.48	0	0	0	0	0	0	-33.03	-33.03
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2822.6	3.25	0	80.01	0	0.75	0	0	8.56	0	0	0	0	0	0	-33.27	-33.27
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2914.7	3.25	0	80.29	0	0.79	0	0	8.72	0	0	0	0	0	0	-33.75	-33.75
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2952.5	3.25	0	80.4	0	0.81	0	0	8.79	0	0	0	0	0	0	-33.94	-33.94
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2966.6	3.25	0	80.45	0	0.82	0	0	8.81	0	0	0	0	0	0	-34.01	-34.01
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2980.7	3.25	0	80.49	0	0.82	0	0	8.84	0	0	0	0	0	0	-34.08	-34.08
Value D/N:	0	0																									
Level D/N:	34.5424	34.5424																									

Receiver: Vacant Lot Noise Receptor

ID: VLR9
X: 521982
Y: 4885094
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1331.5	3.25	0	73.49	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.03	15.03
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1514.6	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.37	13.37
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1537.2	3.25	0	74.73	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.18	13.18
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1651.3	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.25	12.25
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1659.4	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.18	12.18
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1743.5	3.25	0	75.83	0	0.05	0	0	12.9	0	0	0	0	0	0	11.53	11.53
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1744.7	3.25	0	75.83	0	0.05	0	0	12.9	0	0	0	0	0	0	11.52	11.52
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1855.1	3.25	0	76.37	0	0.09	0	0	13.15	0	0	0	0	0	0	10.71	10.71
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1880.3	3.25	0	76.48	0	0.09	0	0	13.21	0	0	0	0	0	0	10.53	10.53
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1950.2	3.25	0	76.8	0	0.11	0	0	13.36	0	0	0	0	0	0	10.04	10.04
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1985.4	3.25	0	76.96	0	0.13	0	0	13.43	0	0	0	0	0	0	9.8	9.8
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2042.2	3.25	0	77.2	0	0.14	0	0	13.55	0	0	0	0	0	0	9.42	9.42
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2126.1	3.25	0	77.55	0	0.16	0	0	13.72	0	0	0	0	0	0	8.87	8.87
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2917.4	3.25	0	80.3	0	0.35	0	0	15.23	0	0	0	0	0	0	4.44	4.44
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1332.5	3.25	0	73.49	0	0.13	0	0	5.65	0	0	0	0	0	0	-23.22	-23.22
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1512.9	3.25	0	74.6	0	0.2	0	0	6.05	0	0	0	0	0	0	-24.79	-24.79
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1538	3.25	0	74.74	0	0.21	0	0	6.1	0	0	0	0	0	0	-24.99	-24.99
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1654.3	3.25	0	75.37	0	0.26	0	0	6.34	0	0	0	0	0	0	-25.92	-25.92
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1661.5	3.25	0	75.41	0	0.26	0	0	6.36	0	0	0	0	0	0	-25.97	-25.97
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1740.6	3.25	0	75.81	0	0.3	0	0	6.52	0	0	0	0	0	0	-26.57	-26.57
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1742	3.25	0	75.82	0	0.3	0	0	6.53	0	0	0	0	0	0	-26.58	-26.58
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1851.9	3.25	0	76.35	0	0.34	0	0	6.75	0	0	0	0	0	0	-27.38	-27.38
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1882.9	3.25	0	76.5	0	0.35	0	0	6.81	0	0	0	0	0	0	-27.6	-27.6
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1947.6	3.25	0	76.79	0	0.38	0	0	6.94	0	0	0	0	0	0	-28.05	-28.05
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1981.9	3.25	0	76.94	0	0.4	0	0	7.01	0	0	0	0	0	0	-28.29	-28.29
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2044.1	3.25	0	77.21	0	0.42	0	0	7.13	0	0	0	0	0	0	-28.7	-28.7
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2123.4	3.25	0	77.54	0	0.46	0	0	7.28	0	0	0	0	0	0	-29.22	-29.22
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2913.6	3.25	0	80.29	0	0.79	0	0	8.72	0	0	0	0	0	0	-33.74	-33.74
Value D/N:	0	0																									
Level D/N:	22.9691	22.9691																									

Receiver: Vacant Lot Noise Receptor
ID: VLR10
X: 519032
Y: 4883494
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	517.58	4.4	0	65.28	0	-0.8	0	0	1.47	0	0	0	0	0	0	34.82	34.82
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	772.9	3.25	0	68.76	0	-0.37	0	0	10.07	0	0	0	0	0	0	21.85	21.85
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	519.06	3.5	0	65.3	0	2.22	0	0	0.73	0	0	0	0	0	0	28.38	28.38
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	865.5	3.25	0	69.75	0	-0.32	0	0	10.44	0	0	0	0	0	0	20.44	20.44
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	921.09	3.25	0	70.29	0	-0.29	0	0	10.64	0	0	0	0	0	0	19.67	19.67
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	940.48	3.25	0	70.47	0	-0.28	0	0	10.71	0	0	0	0	0	0	19.41	19.41
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1009.5	3.25	0	71.08	0	-0.24	0	0	10.94	0	0	0	0	0	0	18.53	18.53
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1132.8	3.25	0	72.08	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.08	17.08
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1139.8	3.25	0	72.14	0	-0.18	0	0	11.35	0	0	0	0	0	0	17.01	17.01
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1141.6	3.25	0	72.15	0	-0.18	0	0	11.35	0	0	0	0	0	0	16.99	16.99
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1209.1	3.25	0	72.65	0	-0.15	0	0	11.55	0	0	0	0	0	0	16.26	16.26
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1218.5	3.25	0	72.72	0	-0.15	0	0	11.58	0	0	0	0	0	0	16.16	16.16
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1357.6	3.25	0	73.66	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.78	14.78

Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1380.3	3.25	0	73.8	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.57	14.57
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1400.4	3.25	0	73.93	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.39	14.39
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1412.5	3.25	0	74	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.28	14.28
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1530.4	3.25	0	74.7	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.24	13.24
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1559.7	3.25	0	74.86	0	-0.01	0	0	12.47	0	0	0	0	0	0	12.99	12.99
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1769.8	3.25	0	75.96	0	0.06	0	0	12.96	0	0	0	0	0	0	11.33	11.33
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1780	3.25	0	76.01	0	0.06	0	0	12.98	0	0	0	0	0	0	11.26	11.26
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1938.9	3.25	0	76.75	0	0.11	0	0	13.33	0	0	0	0	0	0	10.12	10.12
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1959.6	3.25	0	76.84	0	0.12	0	0	13.38	0	0	0	0	0	0	9.97	9.97
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2005.7	3.25	0	77.05	0	0.13	0	0	13.47	0	0	0	0	0	0	9.66	9.66
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2121.3	3.25	0	77.53	0	0.16	0	0	13.71	0	0	0	0	0	0	8.9	8.9
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2136.1	3.25	0	77.59	0	0.17	0	0	13.74	0	0	0	0	0	0	8.81	8.81
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2153.5	3.25	0	77.66	0	0.17	0	0	13.78	0	0	0	0	0	0	8.7	8.7
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2180.6	3.25	0	77.77	0	0.18	0	0	13.83	0	0	0	0	0	0	8.53	8.53
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2362.3	3.25	0	78.47	0	0.22	0	0	14.19	0	0	0	0	0	0	7.43	7.43
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	508.97	3.77	0	65.13	0	-0.65	0	0	1.45	0	0	0	0	0	0	21.04	21.04
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2530.2	3.25	0	79.06	0	0.26	0	0	14.52	0	0	0	0	0	0	6.47	6.47
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2684.4	3.25	0	79.58	0	0.3	0	0	14.8	0	0	0	0	0	0	5.63	5.63
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2696.3	3.25	0	79.62	0	0.3	0	0	14.82	0	0	0	0	0	0	5.57	5.57
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1570.8	3.25	0	74.92	0	1.18	0	0	8.49	0	0	0	0	0	0	0.65	0.65
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	777.56	3.25	0	68.81	0	-0.06	0	0	4.34	0	0	0	0	0	0	-17.03	-17.03
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	863.77	3.25	0	69.73	0	-0.03	0	0	4.56	0	0	0	0	0	0	-18.19	-18.19
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	921.44	3.25	0	70.29	0	-0.01	0	0	4.7	0	0	0	0	0	0	-18.92	-18.92
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	943.34	3.25	0	70.49	0	-0.01	0	0	4.75	0	0	0	0	0	0	-19.18	-19.18
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1006.3	3.25	0	71.05	0	0.01	0	0	4.9	0	0	0	0	0	0	-19.91	-19.91
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1132.4	3.25	0	72.08	0	0.06	0	0	5.2	0	0	0	0	0	0	-21.28	-21.28
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1140.4	3.25	0	72.14	0	0.06	0	0	5.22	0	0	0	0	0	0	-21.36	-21.36
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1143.1	3.25	0	72.16	0	0.06	0	0	5.22	0	0	0	0	0	0	-21.39	-21.39
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1206.7	3.25	0	72.63	0	0.09	0	0	5.37	0	0	0	0	0	0	-22.03	-22.03
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1215.3	3.25	0	72.69	0	0.09	0	0	5.39	0	0	0	0	0	0	-22.11	-22.11
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1359.9	3.25	0	73.67	0	0.14	0	0	5.71	0	0	0	0	0	0	-23.47	-23.47
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1383.3	3.25	0	73.82	0	0.15	0	0	5.76	0	0	0	0	0	0	-23.68	-23.68
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1400.2	3.25	0	73.92	0	0.16	0	0	5.8	0	0	0	0	0	0	-23.83	-23.83
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1411.9	3.25	0	74	0	0.16	0	0	5.83	0	0	0	0	0	0	-23.93	-23.93
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1531.7	3.25	0	74.7	0	0.21	0	0	6.09	0	0	0	0	0	0	-24.94	-24.94
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1561.6	3.25	0	74.87	0	0.22	0	0	6.15	0	0	0	0	0	0	-25.19	-25.19
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1568.7	3.25	0	74.91	0	0.23	0	0	6.16	0	0	0	0	0	0	-25.24	-25.24
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1774.8	3.25	0	75.98	0	0.31	0	0	6.59	0	0	0	0	0	0	-26.83	-26.83
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1786	3.25	0	76.04	0	0.31	0	0	6.62	0	0	0	0	0	0	-26.91	-26.91
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1943.9	3.25	0	76.77	0	0.38	0	0	6.93	0	0	0	0	0	0	-28.03	-28.03
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1964.6	3.25	0	76.87	0	0.39	0	0	6.97	0	0	0	0	0	0	-28.17	-28.17
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2011.6	3.25	0	77.07	0	0.41	0	0	7.07	0	0	0	0	0	0	-28.49	-28.49
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2115.3	3.25	0	77.51	0	0.45	0	0	7.27	0	0	0	0	0	0	-29.17	-29.17
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2130.1	3.25	0	77.57	0	0.46	0	0	7.3	0	0	0	0	0	0	-29.27	-29.27
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2159.5	3.25	0	77.69	0	0.47	0	0	7.35	0	0	0	0	0	0	-29.45	-29.45
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2175.6	3.25	0	77.75	0	0.48	0	0	7.38	0	0	0	0	0	0	-29.56	-29.56
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2356.4	3.25	0	78.45	0	0.56	0	0	7.73	0	0	0	0	0	0	-30.67	-30.67
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2536.2	3.25	0	79.08	0	0.63	0	0	8.06	0	0	0	0	0	0	-31.71	-31.71
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2678.9	3.25	0	79.56	0	0.69	0	0	8.31	0	0	0	0	0	0	-32.5	-32.5
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2690.4	3.25	0	79.6	0	0.7	0	0	8.33	0	0	0	0	0	0	-32.57	-32.57
Value D/N: 0	0																									
Level D/N: 36.8672	36.8672																									

Receiver: Vacant Lot Noise Receptor
ID: VLR11
X: 522109
Y: 4885064
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1334.3	3.25	0	73.5	0	-0.1	0	0	11.9	0	0	0	0	0	0	15.01	15.01
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1526.9	3.25	0	74.68	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.27	13.27
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1535.2	3.25	0	74.72	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.2	13.2
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1681.3	3.25	0	75.51	0	0.03	0	0	12.76	0	0	0	0	0	0	12.01	12.01
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1694.3	3.25	0	75.58	0	0.03	0	0	12.79	0	0	0	0	0	0	11.91	11.91
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1780.5	3.25	0	76.01	0	0.06	0	0	12.99	0	0	0	0	0	0	11.25	11.25
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1797.5	3.25	0	76.09	0	0.07	0	0	13.02	0	0	0	0	0	0	11.13	11.13
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1912.6	3.25	0	76.63	0	0.1	0	0	13.28	0	0	0	0	0	0	10.3	10.3
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1917.1	3.25	0	76.65	0	0.11	0	0	13.29	0	0	0	0	0	0	10.27	10.27
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1992.8	3.25	0	76.99	0	0.13	0	0	13.45	0	0	0	0	0	0	9.75	9.75
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2039.5	3.25	0	77.19	0	0.14	0	0	13.54	0	0	0	0	0	0	9.44	9.44
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2067.5	3.25	0	77.31	0	0.15	0	0	13.6	0	0	0	0	0	0	9.25	9.25
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2160.8	3.25	0	77.69	0	0.17	0	0	13.79	0	0	0	0	0	0	8.65	8.65
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2996.9	3.25	0	80.53	0	0.36	0	0	15.37	0	0	0	0	0	0	4.05	4.05
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1335.8	3.25	0	73.51	0	0.13	0	0	5.66	0	0	0	0	0	0	-23.25	-23.25
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1524.7	3.25	0	74.66	0	0.21	0	0	6.07	0	0	0	0	0	0	-24.88	-24.88
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1536.5	3.25	0	74.73	0	0.21	0	0	6.1	0	0	0	0	0	0	-24.98	-24.98
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1683.9	3.25	0	75.53	0	0.27	0	0	6.41	0	0	0	0	0	0	-26.15	-26.15
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1697.7	3.25	0	75.6	0	0.28	0	0	6.43	0	0	0	0	0	0	-26.25	-26.25
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1777.4	3.25	0	76	0	0.31	0	0	6.6	0	0	0	0	0	0	-26.85	-26.85
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1794.3	3.25	0	76.08	0	0.32	0	0	6.63	0	0	0	0	0	0	-26.97	-26.97
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1913.6	3.25	0	76.64	0	0.37	0	0	6.87	0	0	0	0	0	0	-27.82	-27.82
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1915.6	3.25	0	76.65	0	0.37	0	0	6.88	0	0	0	0	0	0	-27.83	-27.83
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1990	3.25	0	76.98	0	0.4	0	0	7.02	0	0	0	0	0	0	-28.34	-28.34
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2035.7	3.25	0	77.17	0	0.42	0	0	7.11	0	0	0	0	0	0	-28.65	-28.65
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2069.7	3.25	0	77.32	0	0.43	0	0	7.18	0	0	0	0	0	0	-28.87	-28.87
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2157.8	3.25	0	77.68	0	0.47	0	0	7.35	0	0	0	0	0	0	-29.44	-29.44
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2993	3.25	0	80.52	0	0.83	0	0	8.86	0	0	0	0	0	0	-34.15	-34.15
Value D/N:	0	0																									
Level D/N:	22.7734	22.7734																									

Receiver: Vacant Lot Noise Receptor
ID: VLR12
X: 518431
Y: 4882960
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	766.68	3.25	0	68.69	0	-0.37	0	0	10.04	0	0	0	0	0	0	21.95	21.95
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	782.37	3.25	0	68.87	0	-0.36	0	0	10.11	0	0	0	0	0	0	21.7	21.7
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	902.25	3.25	0	70.11	0	-0.3	0	0	10.57	0	0	0	0	0	0	19.93	19.93
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	906.79	3.25	0	70.15	0	-0.29	0	0	10.59	0	0	0	0	0	0	19.87	19.87
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1018.7	3.25	0	71.16	0	-0.24	0	0	10.97	0	0	0	0	0	0	18.42	18.42
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1096.1	4.4	0	71.8	0	-0.91	0	0	2.71	0	0	0	0	0	0	27.17	27.17
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1044.5	3.25	0	71.38	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.1	18.1
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1087.5	3.25	0	71.73	0	-0.2	0	0	11.19	0	0	0	0	0	0	17.6	17.6
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1134.8	3.25	0	72.1	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.06	17.06
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1227.5	3.25	0	72.78	0	-0.14	0	0	11.6	0	0	0	0	0	0	16.07	16.07
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1266.9	3.25	0	73.05	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.67	15.67
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1325	3.25	0	73.44	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.1	15.1
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1331.1	3.25	0	73.48	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.04	15.04
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1345	3.25	0	73.57	0	-0.09	0	0	11.93	0	0	0	0	0	0	14.9	14.9
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1354.4	3.25	0	73.63	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.82	14.82
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1438.9	3.25	0	74.16	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.04	14.04
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1448.8	3.25	0	74.22	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.95	13.95
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1121	3.5	0	71.99	0	2.99	0	0	1.16	0	0	0	0	0	0	20.49	20.49

Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2439.3	3.25	0	78.75	0	0.24	0	0	14.34	0	0	0	0	0	0	6.98	6.98
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2466.4	3.25	0	78.84	0	0.25	0	0	14.39	0	0	0	0	0	0	6.83	6.83
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2596.1	3.25	0	79.29	0	0.28	0	0	14.64	0	0	0	0	0	0	6.11	6.11
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2599.1	3.25	0	79.3	0	0.28	0	0	14.64	0	0	0	0	0	0	6.09	6.09
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2631.4	3.25	0	79.4	0	0.29	0	0	14.7	0	0	0	0	0	0	5.92	5.92
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2770.2	3.25	0	79.85	0	0.32	0	0	14.96	0	0	0	0	0	0	5.19	5.19
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2774.3	3.25	0	79.86	0	0.32	0	0	14.97	0	0	0	0	0	0	5.16	5.16
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2806.3	3.25	0	79.96	0	0.32	0	0	15.03	0	0	0	0	0	0	5	5
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2814.8	3.25	0	79.99	0	0.33	0	0	15.04	0	0	0	0	0	0	4.96	4.96
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1102.6	3.77	0	71.85	0	-0.68	0	0	2.73	0	0	0	0	0	0	13.08	13.08
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1555.3	3.25	0	74.84	0	1.18	0	0	8.47	0	0	0	0	0	0	0.76	0.76
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	771.01	3.25	0	68.74	0	-0.06	0	0	4.32	0	0	0	0	0	0	-16.94	-16.94
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	786.27	3.25	0	68.91	0	-0.06	0	0	4.36	0	0	0	0	0	0	-17.16	-17.16
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	896.58	3.25	0	70.05	0	-0.02	0	0	4.64	0	0	0	0	0	0	-18.61	-18.61
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	911.4	3.25	0	70.19	0	-0.02	0	0	4.67	0	0	0	0	0	0	-18.79	-18.79
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1021.3	3.25	0	71.18	0	0.02	0	0	4.94	0	0	0	0	0	0	-20.08	-20.08
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1049.5	3.25	0	71.42	0	0.03	0	0	5.01	0	0	0	0	0	0	-20.4	-20.4
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1093.3	3.25	0	71.77	0	0.04	0	0	5.11	0	0	0	0	0	0	-20.87	-20.87
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1131	3.25	0	72.07	0	0.06	0	0	5.2	0	0	0	0	0	0	-21.27	-21.27
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1222.2	3.25	0	72.74	0	0.09	0	0	5.41	0	0	0	0	0	0	-22.18	-22.18
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1262	3.25	0	73.02	0	0.11	0	0	5.5	0	0	0	0	0	0	-22.57	-22.57
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1330	3.25	0	73.48	0	0.13	0	0	5.65	0	0	0	0	0	0	-23.2	-23.2
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1335.2	3.25	0	73.51	0	0.13	0	0	5.66	0	0	0	0	0	0	-23.25	-23.25
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1348.8	3.25	0	73.6	0	0.14	0	0	5.69	0	0	0	0	0	0	-23.37	-23.37
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1349.9	3.25	0	73.61	0	0.14	0	0	5.69	0	0	0	0	0	0	-23.38	-23.38
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1444.1	3.25	0	74.19	0	0.18	0	0	5.9	0	0	0	0	0	0	-24.21	-24.21
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1453.3	3.25	0	74.25	0	0.18	0	0	5.92	0	0	0	0	0	0	-24.29	-24.29
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1551.2	3.25	0	74.81	0	0.22	0	0	6.13	0	0	0	0	0	0	-25.1	-25.1
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2445.1	3.25	0	78.77	0	0.59	0	0	7.89	0	0	0	0	0	0	-31.19	-31.19
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2471.2	3.25	0	78.86	0	0.6	0	0	7.94	0	0	0	0	0	0	-31.34	-31.34
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2602.1	3.25	0	79.31	0	0.66	0	0	8.17	0	0	0	0	0	0	-32.08	-32.08
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2604.1	3.25	0	79.31	0	0.66	0	0	8.18	0	0	0	0	0	0	-32.09	-32.09
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2636.2	3.25	0	79.42	0	0.67	0	0	8.24	0	0	0	0	0	0	-32.27	-32.27
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2764.2	3.25	0	79.83	0	0.73	0	0	8.46	0	0	0	0	0	0	-32.96	-32.96
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2769.3	3.25	0	79.85	0	0.73	0	0	8.47	0	0	0	0	0	0	-32.99	-32.99
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2800.5	3.25	0	79.94	0	0.74	0	0	8.53	0	0	0	0	0	0	-33.16	-33.16
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2820.7	3.25	0	80.01	0	0.75	0	0	8.56	0	0	0	0	0	0	-33.26	-33.26
Value D/N: 0	0																								
Level D/N: 32.2659	32.2659																								

Receiver: Vacant Lot Noise Receptor
ID: VLR13
X: 519254
Y: 4883529
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	364.63	4.4	0	62.24	0	-0.64	0	0	1.1	0	0	0	0	0	0	38.08	38.08
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	353.27	3.5	0	61.96	0	1.9	0	0	0.59	0	0	0	0	0	0	32.18	32.18
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	589.8	3.25	0	66.41	0	-0.49	0	0	9.14	0	0	0	0	0	0	25.24	25.24
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	863.52	3.25	0	69.73	0	-0.32	0	0	10.43	0	0	0	0	0	0	20.47	20.47
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	891.6	3.25	0	70	0	-0.3	0	0	10.53	0	0	0	0	0	0	20.08	20.08
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	915.97	3.25	0	70.24	0	-0.29	0	0	10.62	0	0	0	0	0	0	19.74	19.74
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	967.33	3.25	0	70.71	0	-0.26	0	0	10.8	0	0	0	0	0	0	19.06	19.06
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1145.1	3.25	0	72.18	0	-0.18	0	0	11.36	0	0	0	0	0	0	16.95	16.95
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1145.9	3.25	0	72.18	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.94	16.94
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1172.7	3.25	0	72.38	0	-0.17	0	0	11.45	0	0	0	0	0	0	16.65	16.65
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	1181.3	3.25	0	72.45	0	-0.16	0	0	11.47	0	0	0	0	0	0	16.56	16.56

Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	1205.9	3.25	0	72.63	0	-0.15	0	0	11.54	0	0	0	0	0	0	16.3	16.3
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1319.8	3.25	0	73.41	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.15	15.15
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1325.2	3.25	0	73.45	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.09	15.09
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1445.3	3.25	0	74.2	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.98	13.98
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1462.1	3.25	0	74.3	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.83	13.83
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1535	3.25	0	74.72	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.2	13.2
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1538	3.25	0	74.74	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.17	13.17
Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1545.5	3.25	0	74.78	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.11	13.11
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1558.5	3.25	0	74.85	0	-0.01	0	0	12.47	0	0	0	0	0	0	13	13
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	349.72	3.77	0	61.87	0	-0.53	0	0	1.06	0	0	0	0	0	0	24.57	24.57
Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1714.7	3.25	0	75.68	0	0.04	0	0	12.84	0	0	0	0	0	0	11.75	11.75
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1739.7	3.25	0	75.81	0	0.05	0	0	12.89	0	0	0	0	0	0	11.56	11.56
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1792.5	3.25	0	76.07	0	0.07	0	0	13.01	0	0	0	0	0	0	11.16	11.16
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1897.3	3.25	0	76.56	0	0.1	0	0	13.24	0	0	0	0	0	0	10.41	10.41
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1916.4	3.25	0	76.65	0	0.1	0	0	13.28	0	0	0	0	0	0	10.27	10.27
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1931.1	3.25	0	76.72	0	0.11	0	0	13.32	0	0	0	0	0	0	10.17	10.17
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1966.1	3.25	0	76.87	0	0.12	0	0	13.39	0	0	0	0	0	0	9.93	9.93
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2139.8	3.25	0	77.61	0	0.17	0	0	13.75	0	0	0	0	0	0	8.79	8.79
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2306.7	3.25	0	78.26	0	0.21	0	0	14.08	0	0	0	0	0	0	7.76	7.76
Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	2461.6	3.25	0	78.82	0	0.25	0	0	14.38	0	0	0	0	0	0	6.85	6.85
Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	2471.8	3.25	0	78.86	0	0.25	0	0	14.4	0	0	0	0	0	0	6.8	6.8
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1521.6	3.25	0	74.65	0	1.18	0	0	8.42	0	0	0	0	0	0	0.99	0.99
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	594.03	3.25	0	66.48	0	-0.1	0	0	3.84	0	0	0	0	0	0	-14.15	-14.15
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	863.34	3.25	0	69.72	0	-0.03	0	0	4.56	0	0	0	0	0	0	-18.19	-18.19
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	893.13	3.25	0	70.02	0	-0.02	0	0	4.63	0	0	0	0	0	0	-18.57	-18.57
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	913.69	3.25	0	70.22	0	-0.02	0	0	4.68	0	0	0	0	0	0	-18.82	-18.82
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	966.51	3.25	0	70.7	0	0	0	0	4.81	0	0	0	0	0	0	-19.45	-19.45
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1143.6	3.25	0	72.17	0	0.06	0	0	5.23	0	0	0	0	0	0	-21.4	-21.4
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1145.3	3.25	0	72.18	0	0.06	0	0	5.23	0	0	0	0	0	0	-21.41	-21.41
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1171.3	3.25	0	72.37	0	0.07	0	0	5.29	0	0	0	0	0	0	-21.68	-21.68
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	1180.8	3.25	0	72.44	0	0.08	0	0	5.31	0	0	0	0	0	0	-21.77	-21.77
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	1204.3	3.25	0	72.61	0	0.09	0	0	5.37	0	0	0	0	0	0	-22.01	-22.01
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1322	3.25	0	73.42	0	0.13	0	0	5.63	0	0	0	0	0	0	-23.13	-23.13
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1326.5	3.25	0	73.45	0	0.13	0	0	5.64	0	0	0	0	0	0	-23.17	-23.17
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1445.8	3.25	0	74.2	0	0.18	0	0	5.9	0	0	0	0	0	0	-24.22	-24.22
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1461.1	3.25	0	74.29	0	0.18	0	0	5.93	0	0	0	0	0	0	-24.35	-24.35
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1520.1	3.25	0	74.64	0	0.21	0	0	6.06	0	0	0	0	0	0	-24.85	-24.85
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1535.5	3.25	0	74.72	0	0.21	0	0	6.09	0	0	0	0	0	0	-24.97	-24.97
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1539.1	3.25	0	74.75	0	0.21	0	0	6.1	0	0	0	0	0	0	-25	-25
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1550.4	3.25	0	74.81	0	0.22	0	0	6.13	0	0	0	0	0	0	-25.09	-25.09
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1564.5	3.25	0	74.89	0	0.22	0	0	6.16	0	0	0	0	0	0	-25.21	-25.21
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1719.6	3.25	0	75.71	0	0.29	0	0	6.48	0	0	0	0	0	0	-26.42	-26.42
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1744.7	3.25	0	75.83	0	0.3	0	0	6.53	0	0	0	0	0	0	-26.6	-26.6
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1798.4	3.25	0	76.1	0	0.32	0	0	6.64	0	0	0	0	0	0	-27	-27
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1891.3	3.25	0	76.54	0	0.36	0	0	6.83	0	0	0	0	0	0	-27.66	-27.66
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1910.4	3.25	0	76.62	0	0.37	0	0	6.87	0	0	0	0	0	0	-27.8	-27.8
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1937.1	3.25	0	76.74	0	0.38	0	0	6.92	0	0	0	0	0	0	-27.98	-27.98
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1961.1	3.25	0	76.85	0	0.39	0	0	6.97	0	0	0	0	0	0	-28.15	-28.15
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2134	3.25	0	77.58	0	0.46	0	0	7.3	0	0	0	0	0	0	-29.29	-29.29
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2312.7	3.25	0	78.28	0	0.54	0	0	7.64	0	0	0	0	0	0	-30.4	-30.4
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	2456	3.25	0	78.8	0	0.6	0	0	7.91	0	0	0	0	0	0	-31.25	-31.25
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	2466	3.25	0	78.84	0	0.6	0	0	7.93	0	0	0	0	0	0	-31.31	-31.31
Value D/N: 0	0																									
Level D/N: 39.837	39.837																									

Receiver: Vacant Lot Noise Receptor
ID: VLR14
X: 521347
Y: 4882140

Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1080.9	3.25	0	71.68	0	-0.21	0	0	11.17	0	0	0	0	0	0	17.67	17.67
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1110.5	3.25	0	71.91	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.33	17.33
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1272.9	3.25	0	73.1	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.61	15.61
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1324	3.25	0	73.44	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.11	15.11
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1403.2	3.25	0	73.94	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.36	14.36
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1411.3	3.25	0	73.99	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.29	14.29
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1452.2	3.25	0	74.24	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.92	13.92
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1486.5	3.25	0	74.44	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.62	13.62
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1514.8	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.37	13.37
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1543.2	3.25	0	74.77	0	-0.02	0	0	12.43	0	0	0	0	0	0	13.13	13.13
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	1587.4	3.25	0	75.01	0	0	0	0	12.54	0	0	0	0	0	0	12.76	12.76
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	1627.2	3.25	0	75.23	0	0.01	0	0	12.63	0	0	0	0	0	0	12.44	12.44
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1650.3	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.25	12.25
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1685.8	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.97	11.97
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1690.1	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.94	11.94
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1769.1	3.25	0	75.95	0	0.06	0	0	12.96	0	0	0	0	0	0	11.34	11.34
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1809.5	3.25	0	76.15	0	0.07	0	0	13.05	0	0	0	0	0	0	11.04	11.04
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1821.2	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	10.95	10.95
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1847.5	3.25	0	76.33	0	0.08	0	0	13.13	0	0	0	0	0	0	10.76	10.76
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1922.3	3.25	0	76.68	0	0.11	0	0	13.3	0	0	0	0	0	0	10.23	10.23
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1941.6	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.1	10.1
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	2002.1	3.25	0	77.03	0	0.13	0	0	13.47	0	0	0	0	0	0	9.69	9.69
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2164.8	4.4	0	77.71	0	-0.79	0	0	4.64	0	0	0	0	0	0	19.22	19.22
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	2058.6	3.25	0	77.27	0	0.15	0	0	13.58	0	0	0	0	0	0	9.31	9.31
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2129	3.25	0	77.56	0	0.17	0	0	13.73	0	0	0	0	0	0	8.85	8.85
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2191.6	3.25	0	77.82	0	0.18	0	0	13.86	0	0	0	0	0	0	8.46	8.46
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	2249.4	3.25	0	78.04	0	0.2	0	0	13.97	0	0	0	0	0	0	8.1	8.1
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	2294.6	3.25	0	78.21	0	0.21	0	0	14.06	0	0	0	0	0	0	7.83	7.83
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	2378.4	3.25	0	78.53	0	0.23	0	0	14.23	0	0	0	0	0	0	7.33	7.33
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2418.5	3.25	0	78.67	0	0.24	0	0	14.3	0	0	0	0	0	0	7.1	7.1
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2166.4	3.5	0	77.71	0	3.26	0	0	1.82	0	0	0	0	0	0	13.84	13.84
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1636.2	3.25	0	75.28	0	1.18	0	0	8.57	0	0	0	0	0	0	0.22	0.22
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2174.6	3.77	0	77.75	0	-0.49	0	0	4.66	0	0	0	0	0	0	5.06	5.06
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1081.6	3.25	0	71.68	0	0.04	0	0	5.08	0	0	0	0	0	0	-20.75	-20.75
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1108.7	3.25	0	71.9	0	0.05	0	0	5.15	0	0	0	0	0	0	-21.03	-21.03
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1273.8	3.25	0	73.1	0	0.11	0	0	5.52	0	0	0	0	0	0	-22.68	-22.68
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1322.7	3.25	0	73.43	0	0.13	0	0	5.63	0	0	0	0	0	0	-23.13	-23.13
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1403	3.25	0	73.94	0	0.16	0	0	5.81	0	0	0	0	0	0	-23.85	-23.85
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1410.7	3.25	0	73.99	0	0.16	0	0	5.82	0	0	0	0	0	0	-23.92	-23.92
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1450	3.25	0	74.23	0	0.18	0	0	5.91	0	0	0	0	0	0	-24.26	-24.26
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1485.3	3.25	0	74.44	0	0.19	0	0	5.99	0	0	0	0	0	0	-24.56	-24.56
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1515.6	3.25	0	74.61	0	0.2	0	0	6.05	0	0	0	0	0	0	-24.81	-24.81
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1543.9	3.25	0	74.77	0	0.22	0	0	6.11	0	0	0	0	0	0	-25.04	-25.04
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	1586.2	3.25	0	75.01	0	0.23	0	0	6.2	0	0	0	0	0	0	-25.38	-25.38
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	1625.5	3.25	0	75.22	0	0.25	0	0	6.28	0	0	0	0	0	0	-25.69	-25.69
	Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1641.2	3.25	0	75.3	0	0.26	0	0	6.32	0	0	0	0	0	0	-25.82	-25.82
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1644.6	3.25	0	75.32	0	0.26	0	0	6.32	0	0	0	0	0	0	-25.84	-25.84
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1689	3.25	0	75.55	0	0.27	0	0	6.42	0	0	0	0	0	0	-26.19	-26.19
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1691.7	3.25	0	75.57	0	0.28	0	0	6.42	0	0	0	0	0	0	-26.21	-26.21
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1773.8	3.25	0	75.98	0	0.31	0	0	6.59	0	0	0	0	0	0	-26.82	-26.82
	Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1803.5	3.25	0	76.12	0	0.32	0	0	6.65	0	0	0	0	0	0	-27.04	-27.04
	Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1815.2	3.25	0	76.18	0	0.33	0	0	6.67	0	0	0	0	0	0	-27.12	-27.12
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1853.4	3.25	0	76.36	0	0.34	0	0	6.75	0	0	0	0	0	0	-27.4	-27.4
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1918.2	3.25	0	76.66	0	0.37	0	0	6.88	0	0	0	0	0	0	-27.85	-27.85
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1935.8	3.25	0	76.74	0	0.38	0	0	6.92	0	0	0	0	0	0	-27.97	-27.97

Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1996.4	3.25	0	77.01	0	0.4	0	0	7.04	0	0	0	0	0	0	-28.39	-28.39
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	2052.7	3.25	0	77.25	0	0.43	0	0	7.15	0	0	0	0	0	0	-28.76	-28.76
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2134.8	3.25	0	77.59	0	0.46	0	0	7.31	0	0	0	0	0	0	-29.3	-29.3
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2197.6	3.25	0	77.84	0	0.49	0	0	7.43	0	0	0	0	0	0	-29.69	-29.69
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	2243.5	3.25	0	78.02	0	0.51	0	0	7.51	0	0	0	0	0	0	-29.98	-29.98
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2289.7	3.25	0	78.2	0	0.53	0	0	7.6	0	0	0	0	0	0	-30.26	-30.26
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	2373.4	3.25	0	78.51	0	0.56	0	0	7.76	0	0	0	0	0	0	-30.77	-30.77
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2412.5	3.25	0	78.65	0	0.58	0	0	7.83	0	0	0	0	0	0	-31	-31
Value D/N: 0	0																								
Level D/N: 28.1239	28.1239																								

Receiver: Project Land owner
ID: P1
X: 518788
Y: 4882517
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	214.27	3.25	0	57.62	0	-0.57	0	0	5.01	0	0	0	0	0	0	38.25	38.25
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	311.46	3.25	0	60.87	0	-0.65	0	0	6.55	0	0	0	0	0	0	33.54	33.54
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	357.92	3.25	0	62.08	0	-0.64	0	0	7.15	0	0	0	0	0	0	31.73	31.73
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	459.19	3.25	0	64.24	0	-0.58	0	0	8.19	0	0	0	0	0	0	28.46	28.46
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	517.9	3.25	0	65.28	0	-0.54	0	0	8.66	0	0	0	0	0	0	26.9	26.9
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	531.65	3.25	0	65.51	0	-0.53	0	0	8.76	0	0	0	0	0	0	26.57	26.57
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	565.98	3.25	0	66.06	0	-0.5	0	0	8.99	0	0	0	0	0	0	25.77	25.77
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	705.91	3.25	0	67.97	0	-0.41	0	0	9.77	0	0	0	0	0	0	22.98	22.98
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	739.7	3.25	0	68.38	0	-0.39	0	0	9.92	0	0	0	0	0	0	22.4	22.4
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	765.67	3.25	0	68.68	0	-0.37	0	0	10.04	0	0	0	0	0	0	21.97	21.97
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	803.14	3.25	0	69.1	0	-0.35	0	0	10.19	0	0	0	0	0	0	21.37	21.37
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	895.31	3.25	0	70.04	0	-0.3	0	0	10.55	0	0	0	0	0	0	20.02	20.02
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	907.17	3.25	0	70.15	0	-0.29	0	0	10.59	0	0	0	0	0	0	19.86	19.86
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	907.86	3.25	0	70.16	0	-0.29	0	0	10.59	0	0	0	0	0	0	19.85	19.85
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	943.57	3.25	0	70.5	0	-0.27	0	0	10.72	0	0	0	0	0	0	19.37	19.37
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1013.4	4.4	0	71.12	0	-0.91	0	0	2.55	0	0	0	0	0	0	28.02	28.02
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1189	3.25	0	72.5	0	-0.16	0	0	11.49	0	0	0	0	0	0	16.47	16.47
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1047.5	3.5	0	71.4	0	2.95	0	0	1.11	0	0	0	0	0	0	21.17	21.17
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2245.7	3.25	0	78.03	0	0.2	0	0	13.96	0	0	0	0	0	0	8.12	8.12
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2312.9	3.25	0	78.28	0	0.21	0	0	14.1	0	0	0	0	0	0	7.72	7.72
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2330.3	3.25	0	78.35	0	0.22	0	0	14.13	0	0	0	0	0	0	7.62	7.62
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2378.1	3.25	0	78.52	0	0.23	0	0	14.22	0	0	0	0	0	0	7.33	7.33
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2465.5	3.25	0	78.84	0	0.25	0	0	14.39	0	0	0	0	0	0	6.83	6.83
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2503.8	3.25	0	78.97	0	0.26	0	0	14.47	0	0	0	0	0	0	6.62	6.62
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2536.7	3.25	0	79.09	0	0.27	0	0	14.53	0	0	0	0	0	0	6.43	6.43
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2607	3.25	0	79.32	0	0.28	0	0	14.66	0	0	0	0	0	0	6.05	6.05
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2624.8	3.25	0	79.38	0	0.29	0	0	14.69	0	0	0	0	0	0	5.95	5.95
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2800.3	3.25	0	79.94	0	0.32	0	0	15.01	0	0	0	0	0	0	5.03	5.03
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2989	3.25	0	80.51	0	0.36	0	0	15.35	0	0	0	0	0	0	4.09	4.09
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1028.9	3.77	0	71.25	0	-0.69	0	0	2.58	0	0	0	0	0	0	13.84	13.84
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1023	3.25	0	71.2	0	1.14	0	0	7.73	0	0	0	0	0	0	5.18	5.18
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	218.54	3.25	0	57.79	0	0.04	0	0	2.35	0	0	0	0	0	0	-4.12	-4.12
	Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	316.37	3.25	0	61	0	-0.08	0	0	2.86	0	0	0	0	0	0	-7.72	-7.72
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	363.36	3.25	0	62.21	0	-0.1	0	0	3.06	0	0	0	0	0	0	-9.11	-9.11
	Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	461.18	3.25	0	64.28	0	-0.12	0	0	3.42	0	0	0	0	0	0	-11.52	-11.52
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	512.16	3.25	0	65.19	0	-0.12	0	0	3.59	0	0	0	0	0	0	-12.6	-12.6
	Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	537.47	3.25	0	65.61	0	-0.11	0	0	3.67	0	0	0	0	0	0	-13.1	-13.1
	Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	562.09	3.25	0	66	0	-0.11	0	0	3.74	0	0	0	0	0	0	-13.57	-13.57
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	711.77	3.25	0	68.05	0	-0.08	0	0	4.16	0	0	0	0	0	0	-16.08	-16.08
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	733.79	3.25	0	68.31	0	-0.07	0	0	4.22	0	0	0	0	0	0	-16.4	-16.4

Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	769.96	3.25	0	68.73	0	-0.06	0	0	4.32	0	0	0	0	0	0	-16.93	-16.93
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	808.76	3.25	0	69.16	0	-0.05	0	0	4.42	0	0	0	0	0	0	-17.47	-17.47
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	900.28	3.25	0	70.09	0	-0.02	0	0	4.65	0	0	0	0	0	0	-18.65	-18.65
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	901.18	3.25	0	70.1	0	-0.02	0	0	4.65	0	0	0	0	0	0	-18.67	-18.67
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	902.98	3.25	0	70.11	0	-0.02	0	0	4.65	0	0	0	0	0	0	-18.69	-18.69
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	949.13	3.25	0	70.55	0	-0.01	0	0	4.77	0	0	0	0	0	0	-19.25	-19.25
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1018.5	3.25	0	71.16	0	0.02	0	0	4.93	0	0	0	0	0	0	-20.05	-20.05
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1193.1	3.25	0	72.53	0	0.08	0	0	5.34	0	0	0	0	0	0	-21.9	-21.9
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2251.1	3.25	0	78.05	0	0.51	0	0	7.53	0	0	0	0	0	0	-30.03	-30.03
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2317.2	3.25	0	78.3	0	0.54	0	0	7.65	0	0	0	0	0	0	-30.43	-30.43
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2336.1	3.25	0	78.37	0	0.55	0	0	7.69	0	0	0	0	0	0	-30.55	-30.55
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2382.7	3.25	0	78.54	0	0.57	0	0	7.77	0	0	0	0	0	0	-30.82	-30.82
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2469.9	3.25	0	78.85	0	0.6	0	0	7.93	0	0	0	0	0	0	-31.33	-31.33
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2499	3.25	0	78.96	0	0.62	0	0	7.99	0	0	0	0	0	0	-31.5	-31.5
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2531	3.25	0	79.07	0	0.63	0	0	8.05	0	0	0	0	0	0	-31.68	-31.68
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2612.5	3.25	0	79.34	0	0.66	0	0	8.19	0	0	0	0	0	0	-32.14	-32.14
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2619.4	3.25	0	79.36	0	0.67	0	0	8.21	0	0	0	0	0	0	-32.18	-32.18
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2794.8	3.25	0	79.93	0	0.74	0	0	8.52	0	0	0	0	0	0	-33.13	-33.13
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2994.6	3.25	0	80.53	0	0.83	0	0	8.86	0	0	0	0	0	0	-34.15	-34.15
Value D/N: 0	0																								
Level D/N: 41.5786	41.5786																								

Receiver: Project Land Owner
ID: P2
X: 518692
Y: 4882037
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	283.02	3.25	0	60.04	0	-0.64	0	0	6.15	0	0	0	0	0	0	34.77	34.77
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	410.61	3.25	0	63.27	0	-0.61	0	0	7.73	0	0	0	0	0	0	29.93	29.93
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	466.69	3.25	0	64.38	0	-0.58	0	0	8.25	0	0	0	0	0	0	28.25	28.25
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	524.75	3.25	0	65.4	0	-0.53	0	0	8.71	0	0	0	0	0	0	26.74	26.74
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	659.22	3.25	0	67.38	0	-0.44	0	0	9.53	0	0	0	0	0	0	23.84	23.84
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	671.61	3.25	0	67.54	0	-0.43	0	0	9.6	0	0	0	0	0	0	23.6	23.6
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	703.16	3.25	0	67.94	0	-0.41	0	0	9.75	0	0	0	0	0	0	23.03	23.03
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	838.27	3.25	0	69.47	0	-0.33	0	0	10.33	0	0	0	0	0	0	20.84	20.84
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	863.78	3.25	0	69.73	0	-0.32	0	0	10.43	0	0	0	0	0	0	20.47	20.47
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	870.81	3.25	0	69.8	0	-0.31	0	0	10.46	0	0	0	0	0	0	20.37	20.37
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	894.86	3.25	0	70.04	0	-0.3	0	0	10.55	0	0	0	0	0	0	20.03	20.03
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1006.7	3.25	0	71.06	0	-0.24	0	0	10.93	0	0	0	0	0	0	18.56	18.56
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1042.1	3.25	0	71.36	0	-0.23	0	0	11.05	0	0	0	0	0	0	18.13	18.13
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1092	3.25	0	71.76	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.55	17.55
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1193.3	3.25	0	72.54	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.43	16.43
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1450.6	4.4	0	74.23	0	-0.88	0	0	3.39	0	0	0	0	0	0	24.04	24.04
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1583.2	3.25	0	74.99	0	0	0	0	12.53	0	0	0	0	0	0	12.8	12.8
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1485.8	3.5	0	74.44	0	3.11	0	0	1.4	0	0	0	0	0	0	17.69	17.69
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2570.1	3.25	0	79.2	0	0.27	0	0	14.59	0	0	0	0	0	0	6.25	6.25
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2598.8	3.25	0	79.3	0	0.28	0	0	14.64	0	0	0	0	0	0	6.09	6.09
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2661	3.25	0	79.5	0	0.29	0	0	14.76	0	0	0	0	0	0	5.76	5.76
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2679.5	3.25	0	79.56	0	0.3	0	0	14.79	0	0	0	0	0	0	5.66	5.66
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2763.3	3.25	0	79.83	0	0.31	0	0	14.95	0	0	0	0	0	0	5.22	5.22
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2802.2	3.25	0	79.95	0	0.32	0	0	15.02	0	0	0	0	0	0	5.02	5.02
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2824.6	3.25	0	80.02	0	0.33	0	0	15.06	0	0	0	0	0	0	4.91	4.91
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2912.1	3.25	0	80.28	0	0.34	0	0	15.22	0	0	0	0	0	0	4.47	4.47
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2947.7	3.25	0	80.39	0	0.35	0	0	15.28	0	0	0	0	0	0	4.29	4.29
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1020.8	3.25	0	71.18	0	1.14	0	0	7.72	0	0	0	0	0	0	5.21	5.21
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1468.3	3.77	0	74.34	0	-0.63	0	0	3.43	0	0	0	0	0	0	9.84	9.84

Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	287.91	3.25	0	60.19	0	-0.06	0	0	2.73	0	0	0	0	0	0	-6.79	-6.79
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	414.25	3.25	0	63.35	0	-0.12	0	0	3.26	0	0	0	0	0	0	-10.43	-10.43
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	460.73	3.25	0	64.27	0	-0.12	0	0	3.42	0	0	0	0	0	0	-11.51	-11.51
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	529.34	3.25	0	65.47	0	-0.11	0	0	3.64	0	0	0	0	0	0	-12.95	-12.95
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	664.94	3.25	0	67.46	0	-0.09	0	0	4.04	0	0	0	0	0	0	-15.35	-15.35
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	674.61	3.25	0	67.58	0	-0.09	0	0	4.06	0	0	0	0	0	0	-15.5	-15.5
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	708.38	3.25	0	68.01	0	-0.08	0	0	4.16	0	0	0	0	0	0	-16.02	-16.02
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	844.26	3.25	0	69.53	0	-0.04	0	0	4.51	0	0	0	0	0	0	-17.94	-17.94
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	859.68	3.25	0	69.69	0	-0.03	0	0	4.55	0	0	0	0	0	0	-18.14	-18.14
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	876.66	3.25	0	69.86	0	-0.03	0	0	4.59	0	0	0	0	0	0	-18.36	-18.36
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	889.34	3.25	0	69.98	0	-0.02	0	0	4.62	0	0	0	0	0	0	-18.52	-18.52
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1011.4	3.25	0	71.1	0	0.02	0	0	4.92	0	0	0	0	0	0	-19.97	-19.97
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1015.8	3.25	0	71.14	0	0.02	0	0	4.93	0	0	0	0	0	0	-20.02	-20.02
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1047.5	3.25	0	71.4	0	0.03	0	0	5	0	0	0	0	0	0	-20.37	-20.37
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1086.5	3.25	0	71.72	0	0.04	0	0	5.09	0	0	0	0	0	0	-20.8	-20.8
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1189.2	3.25	0	72.51	0	0.08	0	0	5.33	0	0	0	0	0	0	-21.86	-21.86
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1586.6	3.25	0	75.01	0	0.23	0	0	6.2	0	0	0	0	0	0	-25.39	-25.39
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2575.1	3.25	0	79.22	0	0.65	0	0	8.13	0	0	0	0	0	0	-31.93	-31.93
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2604.1	3.25	0	79.31	0	0.66	0	0	8.18	0	0	0	0	0	0	-32.09	-32.09
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2664.9	3.25	0	79.51	0	0.69	0	0	8.29	0	0	0	0	0	0	-32.43	-32.43
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2683.8	3.25	0	79.57	0	0.7	0	0	8.32	0	0	0	0	0	0	-32.53	-32.53
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2758.8	3.25	0	79.81	0	0.73	0	0	8.45	0	0	0	0	0	0	-32.94	-32.94
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2806.3	3.25	0	79.96	0	0.75	0	0	8.54	0	0	0	0	0	0	-33.19	-33.19
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2819.4	3.25	0	80	0	0.75	0	0	8.56	0	0	0	0	0	0	-33.26	-33.26
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2917.2	3.25	0	80.3	0	0.79	0	0	8.73	0	0	0	0	0	0	-33.76	-33.76
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2942.7	3.25	0	80.37	0	0.81	0	0	8.77	0	0	0	0	0	0	-33.89	-33.89
Value D/N: 0	0																								
Level D/N: 38.358	38.358																								

Receiver: Project Land Owner
ID: P3
X: 520467
Y: 4884471
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	864.8	3.25	0	69.74	0	-0.32	0	0	10.43	0	0	0	0	0	0	20.45	20.45
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	933.12	3.25	0	70.4	0	-0.28	0	0	10.68	0	0	0	0	0	0	19.51	19.51
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1039.9	3.25	0	71.34	0	-0.23	0	0	11.04	0	0	0	0	0	0	18.16	18.16
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	1050.1	3.25	0	71.42	0	-0.22	0	0	11.07	0	0	0	0	0	0	18.04	18.04
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	1174.1	3.25	0	72.39	0	-0.17	0	0	11.45	0	0	0	0	0	0	16.63	16.63
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	1178.4	3.25	0	72.43	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.59	16.59
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	1278.9	3.25	0	73.14	0	-0.12	0	0	11.75	0	0	0	0	0	0	15.55	15.55
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	1312	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.22	15.22
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	1371.4	3.25	0	73.74	0	-0.08	0	0	12	0	0	0	0	0	0	14.65	14.65
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1384.5	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.53	14.53
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	1419	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.22	14.22
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1447	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.96	13.96
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1455.6	3.25	0	74.26	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.89	13.89
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1565.3	4.4	0	74.89	0	-0.87	0	0	3.6	0	0	0	0	0	0	23.15	23.15
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1533.3	3.25	0	74.71	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.21	13.21
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1926.8	3.25	0	76.7	0	0.11	0	0	13.31	0	0	0	0	0	0	10.2	10.2
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2058.2	3.25	0	77.27	0	0.15	0	0	13.58	0	0	0	0	0	0	9.31	9.31
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2144.2	3.25	0	77.63	0	0.17	0	0	13.76	0	0	0	0	0	0	8.76	8.76
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2158.1	3.25	0	77.68	0	0.17	0	0	13.79	0	0	0	0	0	0	8.67	8.67
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2291.6	3.25	0	78.2	0	0.21	0	0	14.06	0	0	0	0	0	0	7.85	7.85
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2312.7	3.25	0	78.28	0	0.21	0	0	14.1	0	0	0	0	0	0	7.72	7.72
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1530.5	3.5	0	74.7	0	3.12	0	0	1.43	0	0	0	0	0	0	17.39	17.39

Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	2340.9	3.25	0	78.39	0	0.22	0	0	14.15	0	0	0	0	0	0	7.55	7.55
Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	2388.8	3.25	0	78.56	0	0.23	0	0	14.25	0	0	0	0	0	0	7.27	7.27
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2420.5	3.25	0	78.68	0	0.24	0	0	14.31	0	0	0	0	0	0	7.09	7.09
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	2513.3	3.25	0	79	0	0.26	0	0	14.48	0	0	0	0	0	0	6.56	6.56
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2601.9	3.25	0	79.31	0	0.28	0	0	14.65	0	0	0	0	0	0	6.08	6.08
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2627.7	3.25	0	79.39	0	0.29	0	0	14.7	0	0	0	0	0	0	5.94	5.94
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	2714.5	3.25	0	79.67	0	0.3	0	0	14.86	0	0	0	0	0	0	5.48	5.48
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2720.7	3.25	0	79.69	0	0.31	0	0	14.87	0	0	0	0	0	0	5.44	5.44
Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	2808.8	3.25	0	79.97	0	0.32	0	0	15.03	0	0	0	0	0	0	4.99	4.99
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1548.8	3.77	0	74.8	0	-0.61	0	0	3.57	0	0	0	0	0	0	9.22	9.22
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2509.3	3.25	0	78.99	0	1.14	0	0	9.58	0	0	0	0	0	0	-4.47	-4.47
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	866.7	3.25	0	69.76	0	-0.03	0	0	4.56	0	0	0	0	0	0	-18.23	-18.23
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	935.78	3.25	0	70.42	0	-0.01	0	0	4.73	0	0	0	0	0	0	-19.09	-19.09
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	1041.9	3.25	0	71.36	0	0.03	0	0	4.99	0	0	0	0	0	0	-20.31	-20.31
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	1046.2	3.25	0	71.39	0	0.03	0	0	5	0	0	0	0	0	0	-20.36	-20.36
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	1177.8	3.25	0	72.42	0	0.08	0	0	5.3	0	0	0	0	0	0	-21.74	-21.74
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	1180.7	3.25	0	72.44	0	0.08	0	0	5.31	0	0	0	0	0	0	-21.77	-21.77
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	1275.7	3.25	0	73.11	0	0.11	0	0	5.53	0	0	0	0	0	0	-22.69	-22.69
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	1307.9	3.25	0	73.33	0	0.12	0	0	5.6	0	0	0	0	0	0	-23	-23
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	1376.2	3.25	0	73.77	0	0.15	0	0	5.75	0	0	0	0	0	0	-23.61	-23.61
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1386.9	3.25	0	73.84	0	0.15	0	0	5.77	0	0	0	0	0	0	-23.71	-23.71
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	1413.7	3.25	0	74.01	0	0.16	0	0	5.83	0	0	0	0	0	0	-23.94	-23.94
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1444.5	3.25	0	74.19	0	0.18	0	0	5.9	0	0	0	0	0	0	-24.21	-24.21
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1453.1	3.25	0	74.25	0	0.18	0	0	5.92	0	0	0	0	0	0	-24.28	-24.28
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1528.7	3.25	0	74.69	0	0.21	0	0	6.08	0	0	0	0	0	0	-24.92	-24.92
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1928.8	3.25	0	76.71	0	0.37	0	0	6.9	0	0	0	0	0	0	-27.92	-27.92
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2055.3	3.25	0	77.26	0	0.43	0	0	7.15	0	0	0	0	0	0	-28.78	-28.78
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2146.4	3.25	0	77.63	0	0.47	0	0	7.33	0	0	0	0	0	0	-29.37	-29.37
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2161.4	3.25	0	77.69	0	0.47	0	0	7.36	0	0	0	0	0	0	-29.47	-29.47
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2294.1	3.25	0	78.21	0	0.53	0	0	7.61	0	0	0	0	0	0	-30.29	-30.29
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2311.1	3.25	0	78.28	0	0.54	0	0	7.64	0	0	0	0	0	0	-30.39	-30.39
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2338	3.25	0	78.38	0	0.55	0	0	7.69	0	0	0	0	0	0	-30.56	-30.56
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	2385.9	3.25	0	78.55	0	0.57	0	0	7.78	0	0	0	0	0	0	-30.84	-30.84
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2418.3	3.25	0	78.67	0	0.58	0	0	7.84	0	0	0	0	0	0	-31.03	-31.03
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	2510.3	3.25	0	78.99	0	0.62	0	0	8.01	0	0	0	0	0	0	-31.57	-31.57
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2510.8	3.25	0	79	0	0.62	0	0	8.01	0	0	0	0	0	0	-31.57	-31.57
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2598.4	3.25	0	79.29	0	0.66	0	0	8.17	0	0	0	0	0	0	-32.06	-32.06
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2625.6	3.25	0	79.38	0	0.67	0	0	8.22	0	0	0	0	0	0	-32.21	-32.21
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	2712.2	3.25	0	79.67	0	0.71	0	0	8.37	0	0	0	0	0	0	-32.69	-32.69
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2723.6	3.25	0	79.7	0	0.71	0	0	8.39	0	0	0	0	0	0	-32.75	-32.75
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	2806.1	3.25	0	79.96	0	0.75	0	0	8.53	0	0	0	0	0	0	-33.19	-33.19

Value D/N: 0 0

Level D/N: 29.9986 29.9986

Receiver: Project Land Owner
ID: P4
X: 521201
Y: 4884253
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	585.59	3.25	0	66.35	0	-0.49	0	0	9.12	0	0	0	0	0	0	25.33	25.33
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	620.85	3.25	0	66.86	0	-0.46	0	0	9.32	0	0	0	0	0	0	24.59	24.59
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	689.41	3.25	0	67.77	0	-0.42	0	0	9.69	0	0	0	0	0	0	23.27	23.27
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	709.38	3.25	0	68.02	0	-0.41	0	0	9.78	0	0	0	0	0	0	22.92	22.92
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	711.18	3.25	0	68.04	0	-0.4	0	0	9.79	0	0	0	0	0	0	22.89	22.89
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	711.59	3.25	0	68.04	0	-0.4	0	0	9.79	0	0	0	0	0	0	22.88	22.88
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	736.3	3.25	0	68.34	0	-0.39	0	0	9.91	0	0	0	0	0	0	22.45	22.45

Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	846.67	3.25	0	69.55	0	-0.33	0	0	10.37	0	0	0	0	0	0	20.72	20.72
Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	853.72	3.25	0	69.63	0	-0.32	0	0	10.39	0	0	0	0	0	0	20.61	20.61
Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	856.44	3.25	0	69.65	0	-0.32	0	0	10.4	0	0	0	0	0	0	20.57	20.57
Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	864.16	3.25	0	69.73	0	-0.32	0	0	10.43	0	0	0	0	0	0	20.46	20.46
Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	1043	3.25	0	71.37	0	-0.23	0	0	11.05	0	0	0	0	0	0	18.12	18.12
Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1069.1	3.25	0	71.58	0	-0.21	0	0	11.13	0	0	0	0	0	0	17.81	17.81
Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1783.6	3.25	0	76.03	0	0.06	0	0	12.99	0	0	0	0	0	0	11.23	11.23
Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1985.1	4.4	0	76.96	0	-0.82	0	0	4.34	0	0	0	0	0	0	20.3	20.3
Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2167.3	3.25	0	77.72	0	0.18	0	0	13.81	0	0	0	0	0	0	8.61	8.61
Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2333.8	3.25	0	78.36	0	0.22	0	0	14.14	0	0	0	0	0	0	7.6	7.6
Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2342.5	3.25	0	78.39	0	0.22	0	0	14.16	0	0	0	0	0	0	7.54	7.54
Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2470.6	3.25	0	78.86	0	0.25	0	0	14.4	0	0	0	0	0	0	6.8	6.8
Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2488.7	3.25	0	78.92	0	0.25	0	0	14.44	0	0	0	0	0	0	6.7	6.7
Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2514.9	3.25	0	79.01	0	0.26	0	0	14.49	0	0	0	0	0	0	6.55	6.55
Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2613.7	3.25	0	79.35	0	0.28	0	0	14.67	0	0	0	0	0	0	6.01	6.01
Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	2663.1	3.25	0	79.51	0	0.29	0	0	14.76	0	0	0	0	0	0	5.75	5.75
Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	2693.5	3.25	0	79.61	0	0.3	0	0	14.82	0	0	0	0	0	0	5.59	5.59
Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2792.2	3.25	0	79.92	0	0.32	0	0	15	0	0	0	0	0	0	5.07	5.07
Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	2824.2	3.25	0	80.02	0	0.33	0	0	15.06	0	0	0	0	0	0	4.91	4.91
Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	2918.2	3.25	0	80.3	0	0.35	0	0	15.23	0	0	0	0	0	0	4.44	4.44
Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2946.4	3.25	0	80.39	0	0.35	0	0	15.28	0	0	0	0	0	0	4.3	4.3
Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2978.9	3.25	0	80.48	0	0.36	0	0	15.33	0	0	0	0	0	0	4.14	4.14
Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1954.9	3.5	0	76.82	0	3.21	0	0	1.69	0	0	0	0	0	0	14.91	14.91
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1974.1	3.77	0	76.91	0	-0.53	0	0	4.32	0	0	0	0	0	0	6.28	6.28
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2635.9	3.25	0	79.42	0	1.13	0	0	9.72	0	0	0	0	0	0	-5.02	-5.02
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	586.19	3.25	0	66.36	0	-0.11	0	0	3.82	0	0	0	0	0	0	-14.01	-14.01
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	618.94	3.25	0	66.83	0	-0.1	0	0	3.91	0	0	0	0	0	0	-14.58	-14.58
Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	684.89	3.25	0	67.71	0	-0.08	0	0	4.09	0	0	0	0	0	0	-15.66	-15.66
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	708.73	3.25	0	68.01	0	-0.08	0	0	4.16	0	0	0	0	0	0	-16.03	-16.03
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	711.07	3.25	0	68.04	0	-0.08	0	0	4.16	0	0	0	0	0	0	-16.06	-16.06
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	712.42	3.25	0	68.05	0	-0.08	0	0	4.17	0	0	0	0	0	0	-16.09	-16.09
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	734.83	3.25	0	68.32	0	-0.07	0	0	4.23	0	0	0	0	0	0	-16.42	-16.42
Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	843.18	3.25	0	69.52	0	-0.04	0	0	4.5	0	0	0	0	0	0	-17.93	-17.93
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	853.74	3.25	0	69.63	0	-0.04	0	0	4.53	0	0	0	0	0	0	-18.06	-18.06
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	853.99	3.25	0	69.63	0	-0.04	0	0	4.53	0	0	0	0	0	0	-18.07	-18.07
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	862.95	3.25	0	69.72	0	-0.03	0	0	4.55	0	0	0	0	0	0	-18.18	-18.18
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	1043.1	3.25	0	71.37	0	0.03	0	0	4.99	0	0	0	0	0	0	-20.33	-20.33
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1068.1	3.25	0	71.57	0	0.04	0	0	5.05	0	0	0	0	0	0	-20.6	-20.6
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1779.5	3.25	0	76.01	0	0.31	0	0	6.6	0	0	0	0	0	0	-26.86	-26.86
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2170.8	3.25	0	77.73	0	0.48	0	0	7.37	0	0	0	0	0	0	-29.53	-29.53
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2337.7	3.25	0	78.38	0	0.55	0	0	7.69	0	0	0	0	0	0	-30.55	-30.55
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2338.1	3.25	0	78.38	0	0.55	0	0	7.69	0	0	0	0	0	0	-30.56	-30.56
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2467.4	3.25	0	78.84	0	0.6	0	0	7.93	0	0	0	0	0	0	-31.32	-31.32
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2493.3	3.25	0	78.94	0	0.61	0	0	7.98	0	0	0	0	0	0	-31.47	-31.47
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2519	3.25	0	79.02	0	0.62	0	0	8.02	0	0	0	0	0	0	-31.61	-31.61
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2609.9	3.25	0	79.33	0	0.66	0	0	8.19	0	0	0	0	0	0	-32.13	-32.13
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2638.7	3.25	0	79.43	0	0.68	0	0	8.24	0	0	0	0	0	0	-32.28	-32.28
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	2658.8	3.25	0	79.49	0	0.68	0	0	8.28	0	0	0	0	0	0	-32.39	-32.39
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2689.6	3.25	0	79.59	0	0.7	0	0	8.33	0	0	0	0	0	0	-32.56	-32.56
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2788.6	3.25	0	79.91	0	0.74	0	0	8.5	0	0	0	0	0	0	-33.09	-33.09
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	2820	3.25	0	80	0	0.75	0	0	8.56	0	0	0	0	0	0	-33.26	-33.26
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	2914.6	3.25	0	80.29	0	0.79	0	0	8.72	0	0	0	0	0	0	-33.75	-33.75
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2941.8	3.25	0	80.37	0	0.81	0	0	8.77	0	0	0	0	0	0	-33.89	-33.89
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2983	3.25	0	80.49	0	0.82	0	0	8.84	0	0	0	0	0	0	-34.1	-34.1
Value D/N:	0																									
Level D/N:	33.8027																									

Receiver: Project Land Owner
ID: P5

X: 520764
Y: 4883947
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	278.53	3.25	0	59.9	0	-0.64	0	0	6.08	0	0	0	0	0	0	34.98	34.98
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	332.41	3.25	0	61.43	0	-0.65	0	0	6.83	0	0	0	0	0	0	32.69	32.69
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	459.52	3.25	0	64.25	0	-0.58	0	0	8.19	0	0	0	0	0	0	28.45	28.45
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	471.87	3.25	0	64.48	0	-0.57	0	0	8.3	0	0	0	0	0	0	28.11	28.11
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	578.02	3.25	0	66.24	0	-0.49	0	0	9.07	0	0	0	0	0	0	25.5	25.5
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	584.19	3.25	0	66.33	0	-0.49	0	0	9.11	0	0	0	0	0	0	25.36	25.36
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	678.84	3.25	0	67.64	0	-0.43	0	0	9.63	0	0	0	0	0	0	23.47	23.47
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	748.56	3.25	0	68.48	0	-0.38	0	0	9.96	0	0	0	0	0	0	22.25	22.25
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	788.36	3.25	0	68.93	0	-0.36	0	0	10.13	0	0	0	0	0	0	21.6	21.6
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	851.29	3.25	0	69.6	0	-0.32	0	0	10.38	0	0	0	0	0	0	20.65	20.65
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	853.27	3.25	0	69.62	0	-0.32	0	0	10.39	0	0	0	0	0	0	20.62	20.62
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	960.84	3.25	0	70.65	0	-0.27	0	0	10.78	0	0	0	0	0	0	19.15	19.15
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	1019.3	3.25	0	71.17	0	-0.24	0	0	10.97	0	0	0	0	0	0	18.41	18.41
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1250.2	3.25	0	72.94	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.84	15.84
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1454	4.4	0	74.25	0	-0.88	0	0	3.4	0	0	0	0	0	0	24.01	24.01
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1645	3.25	0	75.32	0	0.02	0	0	12.67	0	0	0	0	0	0	12.3	12.3
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	1815.2	3.25	0	76.18	0	0.07	0	0	13.06	0	0	0	0	0	0	11	11
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1823	3.25	0	76.22	0	0.08	0	0	13.08	0	0	0	0	0	0	10.94	10.94
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	1957.4	3.25	0	76.83	0	0.12	0	0	13.37	0	0	0	0	0	0	9.99	9.99
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1969.1	3.25	0	76.89	0	0.12	0	0	13.4	0	0	0	0	0	0	9.91	9.91
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1998.6	3.25	0	77.01	0	0.13	0	0	13.46	0	0	0	0	0	0	9.71	9.71
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2104.6	3.25	0	77.46	0	0.16	0	0	13.68	0	0	0	0	0	0	9.01	9.01
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	2138.8	3.25	0	77.6	0	0.17	0	0	13.75	0	0	0	0	0	0	8.79	8.79
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	2161.3	3.25	0	77.69	0	0.17	0	0	13.79	0	0	0	0	0	0	8.65	8.65
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1424.4	3.5	0	74.07	0	3.09	0	0	1.36	0	0	0	0	0	0	18.11	18.11
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2291.6	3.25	0	78.2	0	0.21	0	0	14.06	0	0	0	0	0	0	7.85	7.85
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	2295.9	3.25	0	78.22	0	0.21	0	0	14.06	0	0	0	0	0	0	7.82	7.82
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	2408.7	3.25	0	78.64	0	0.24	0	0	14.28	0	0	0	0	0	0	7.16	7.16
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	2415.2	3.25	0	78.66	0	0.24	0	0	14.3	0	0	0	0	0	0	7.12	7.12
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	2458.7	3.25	0	78.81	0	0.25	0	0	14.38	0	0	0	0	0	0	6.87	6.87
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	2579.1	3.25	0	79.23	0	0.27	0	0	14.61	0	0	0	0	0	0	6.2	6.2
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1443.5	3.77	0	74.19	0	-0.63	0	0	3.38	0	0	0	0	0	0	10.04	10.04
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2144.7	3.25	0	77.63	0	1.17	0	0	9.18	0	0	0	0	0	0	-2.73	-2.73
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	279.09	3.25	0	59.91	0	-0.05	0	0	2.68	0	0	0	0	0	0	-6.49	-6.49
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	335.42	3.25	0	61.51	0	-0.09	0	0	2.95	0	0	0	0	0	0	-8.31	-8.31
	Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	460.19	3.25	0	64.26	0	-0.12	0	0	3.42	0	0	0	0	0	0	-11.5	-11.5
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	467.02	3.25	0	64.39	0	-0.12	0	0	3.44	0	0	0	0	0	0	-11.65	-11.65
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	579.99	3.25	0	66.27	0	-0.11	0	0	3.8	0	0	0	0	0	0	-13.9	-13.9
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	588.52	3.25	0	66.4	0	-0.11	0	0	3.82	0	0	0	0	0	0	-14.05	-14.05
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	675.3	3.25	0	67.59	0	-0.09	0	0	4.07	0	0	0	0	0	0	-15.51	-15.51
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	743.66	3.25	0	68.43	0	-0.07	0	0	4.25	0	0	0	0	0	0	-16.55	-16.55
	Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	790.3	3.25	0	68.96	0	-0.06	0	0	4.37	0	0	0	0	0	0	-17.21	-17.21
	Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	850.76	3.25	0	69.6	0	-0.04	0	0	4.52	0	0	0	0	0	0	-18.02	-18.02
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	856.89	3.25	0	69.66	0	-0.04	0	0	4.54	0	0	0	0	0	0	-18.1	-18.1
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	954.99	3.25	0	70.6	0	0	0	0	4.78	0	0	0	0	0	0	-19.32	-19.32
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	1014.1	3.25	0	71.12	0	0.02	0	0	4.92	0	0	0	0	0	0	-20	-20
	Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1246.1	3.25	0	72.91	0	0.1	0	0	5.46	0	0	0	0	0	0	-22.41	-22.41
	Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1648.3	3.25	0	75.34	0	0.26	0	0	6.33	0	0	0	0	0	0	-25.87	-25.87
	Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	1810.9	3.25	0	76.16	0	0.33	0	0	6.67	0	0	0	0	0	0	-27.09	-27.09
	Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1826.6	3.25	0	76.23	0	0.33	0	0	6.7	0	0	0	0	0	0	-27.2	-27.2
	Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	1961.9	3.25	0	76.85	0	0.39	0	0	6.97	0	0	0	0	0	0	-28.15	-28.15
	Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1966.2	3.25	0	76.87	0	0.39	0	0	6.98	0	0	0	0	0	0	-28.18	-28.18
	Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2002.3	3.25	0	77.03	0	0.4	0	0	7.05	0	0	0	0	0	0	-28.43	-28.43

Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2101.1	3.25	0	77.45	0	0.45	0	0	7.24	0	0	0	0	0	0	-29.08	-29.08
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	2134.7	3.25	0	77.59	0	0.46	0	0	7.31	0	0	0	0	0	0	-29.29	-29.29
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2147.2	3.25	0	77.64	0	0.47	0	0	7.33	0	0	0	0	0	0	-29.37	-29.37
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2157.5	3.25	0	77.68	0	0.47	0	0	7.35	0	0	0	0	0	0	-29.44	-29.44
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2288.4	3.25	0	78.19	0	0.53	0	0	7.6	0	0	0	0	0	0	-30.26	-30.26
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	2291.7	3.25	0	78.2	0	0.53	0	0	7.6	0	0	0	0	0	0	-30.28	-30.28
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	2405.5	3.25	0	78.62	0	0.58	0	0	7.82	0	0	0	0	0	0	-30.96	-30.96
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	2410.7	3.25	0	78.64	0	0.58	0	0	7.83	0	0	0	0	0	0	-30.99	-30.99
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	2462.6	3.25	0	78.83	0	0.6	0	0	7.92	0	0	0	0	0	0	-31.29	-31.29
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	2575.7	3.25	0	79.22	0	0.65	0	0	8.13	0	0	0	0	0	0	-31.93	-31.93
Value D/N:	0																								
Level D/N:	39.2736																								

Receiver: Project Land Owner
ID: P6
X: 521593
Y: 4884117
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV28	521712	4883790	2	0	0	100.3	100.3	1	347.8	3.25	0	61.83	0	-0.64	0	0	7.03	0	0	0	0	0	0	32.1	32.1
	Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	478.29	3.25	0	64.59	0	-0.57	0	0	8.35	0	0	0	0	0	0	27.93	27.93
	Spectrum	MV29	521715	4883580	2	0	0	100.3	100.3	1	550.48	3.25	0	65.81	0	-0.51	0	0	8.89	0	0	0	0	0	0	26.12	26.12
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	608.17	3.25	0	66.68	0	-0.47	0	0	9.25	0	0	0	0	0	0	24.85	24.85
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	632.16	3.25	0	67.02	0	-0.46	0	0	9.39	0	0	0	0	0	0	24.36	24.36
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	705.05	3.25	0	67.96	0	-0.41	0	0	9.76	0	0	0	0	0	0	22.99	22.99
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	767.55	3.25	0	68.7	0	-0.37	0	0	10.04	0	0	0	0	0	0	21.94	21.94
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	834.52	3.25	0	69.43	0	-0.33	0	0	10.32	0	0	0	0	0	0	20.9	20.9
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	916.41	3.25	0	70.24	0	-0.29	0	0	10.62	0	0	0	0	0	0	19.73	19.73
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	925.43	3.25	0	70.33	0	-0.28	0	0	10.66	0	0	0	0	0	0	19.61	19.61
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	990.89	3.25	0	70.92	0	-0.25	0	0	10.88	0	0	0	0	0	0	18.76	18.76
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	1001.6	3.25	0	71.01	0	-0.25	0	0	10.92	0	0	0	0	0	0	18.63	18.63
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	1083.4	3.25	0	71.7	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.64	17.64
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	2051	3.25	0	77.24	0	0.14	0	0	13.57	0	0	0	0	0	0	9.36	9.36
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	2276.5	4.4	0	78.15	0	-0.77	0	0	4.83	0	0	0	0	0	0	18.58	18.58
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	2376.6	3.25	0	78.52	0	0.23	0	0	14.22	0	0	0	0	0	0	7.34	7.34
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	2513.1	3.25	0	79	0	0.26	0	0	14.48	0	0	0	0	0	0	6.56	6.56
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	2564.9	3.25	0	79.18	0	0.27	0	0	14.58	0	0	0	0	0	0	6.28	6.28
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	2629.8	3.25	0	79.4	0	0.29	0	0	14.7	0	0	0	0	0	0	5.93	5.93
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	2703.8	3.25	0	79.64	0	0.3	0	0	14.84	0	0	0	0	0	0	5.53	5.53
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	2727.1	3.25	0	79.71	0	0.31	0	0	14.88	0	0	0	0	0	0	5.41	5.41
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	2785.1	3.25	0	79.9	0	0.32	0	0	14.99	0	0	0	0	0	0	5.11	5.11
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	2871.2	3.25	0	80.16	0	0.34	0	0	15.14	0	0	0	0	0	0	4.67	4.67
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	2936.5	3.25	0	80.36	0	0.35	0	0	15.26	0	0	0	0	0	0	4.35	4.35
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	2944.5	3.25	0	80.38	0	0.35	0	0	15.27	0	0	0	0	0	0	4.31	4.31
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	2249.2	3.5	0	78.04	0	3.27	0	0	1.87	0	0	0	0	0	0	13.45	13.45
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	2268	3.77	0	78.11	0	-0.47	0	0	4.81	0	0	0	0	0	0	4.52	4.52
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	2774.1	3.25	0	79.86	0	1.12	0	0	9.87	0	0	0	0	0	0	-5.6	-5.6
	Spectrum	MV28T	521706	4883790	2	0	0	56.1	56.1	1	345.6	3.25	0	61.77	0	-0.1	0	0	2.99	0	0	0	0	0	0	-8.6	-8.6
	Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	477.89	3.25	0	64.59	0	-0.12	0	0	3.48	0	0	0	0	0	0	-11.89	-11.89
	Spectrum	MV29T	521709	4883580	2	0	0	56.1	56.1	1	549.12	3.25	0	65.79	0	-0.11	0	0	3.7	0	0	0	0	0	0	-13.33	-13.33
	Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	610.15	3.25	0	66.71	0	-0.1	0	0	3.88	0	0	0	0	0	0	-14.43	-14.43
	Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	636.42	3.25	0	67.07	0	-0.1	0	0	3.96	0	0	0	0	0	0	-14.88	-14.88
	Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	701.59	3.25	0	67.92	0	-0.08	0	0	4.14	0	0	0	0	0	0	-15.92	-15.92
	Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	763.45	3.25	0	68.66	0	-0.06	0	0	4.3	0	0	0	0	0	0	-16.83	-16.83
	Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	837.61	3.25	0	69.46	0	-0.04	0	0	4.49	0	0	0	0	0	0	-17.85	-17.85
	Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	912.05	3.25	0	70.2	0	-0.02	0	0	4.68	0	0	0	0	0	0	-18.8	-18.8
	Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	922.18	3.25	0	70.3	0	-0.01	0	0	4.7	0	0	0	0	0	0	-18.92	-18.92

Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	992.91	3.25	0	70.94	0	0.01	0	0	4.87	0	0	0	0	0	0	-19.76	-19.76
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	996.88	3.25	0	70.97	0	0.01	0	0	4.88	0	0	0	0	0	0	-19.81	-19.81
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	1080.3	3.25	0	71.67	0	0.04	0	0	5.08	0	0	0	0	0	0	-20.73	-20.73
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	2046.5	3.25	0	77.22	0	0.42	0	0	7.13	0	0	0	0	0	0	-28.72	-28.72
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	2380.6	3.25	0	78.53	0	0.57	0	0	7.77	0	0	0	0	0	0	-30.81	-30.81
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	2517.6	3.25	0	79.02	0	0.62	0	0	8.02	0	0	0	0	0	0	-31.61	-31.61
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	2559.9	3.25	0	79.16	0	0.64	0	0	8.1	0	0	0	0	0	0	-31.85	-31.85
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	2625.9	3.25	0	79.39	0	0.67	0	0	8.22	0	0	0	0	0	0	-32.21	-32.21
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	2708.4	3.25	0	79.65	0	0.71	0	0	8.36	0	0	0	0	0	0	-32.66	-32.66
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	2732.2	3.25	0	79.73	0	0.72	0	0	8.41	0	0	0	0	0	0	-32.79	-32.79
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	2777.5	3.25	0	79.87	0	0.74	0	0	8.48	0	0	0	0	0	0	-33.03	-33.03
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	2780.7	3.25	0	79.88	0	0.74	0	0	8.49	0	0	0	0	0	0	-33.05	-33.05
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	2866.4	3.25	0	80.15	0	0.77	0	0	8.64	0	0	0	0	0	0	-33.5	-33.5
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	2932.2	3.25	0	80.34	0	0.8	0	0	8.75	0	0	0	0	0	0	-33.84	-33.84
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	2940.3	3.25	0	80.37	0	0.8	0	0	8.77	0	0	0	0	0	0	-33.88	-33.88
Value D/N: 0	0																								
Level D/N: 36.2786	36.2786																								

Receiver: Project Land Owner
ID: P7
X: 518741
Y: 4882209
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	252.08	3.25	0	59.03	0	-0.62	0	0	5.66	0	0	0	0	0	0	36.24	36.24
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	254.92	3.25	0	59.13	0	-0.62	0	0	5.71	0	0	0	0	0	0	36.1	36.1
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	395.69	3.25	0	62.95	0	-0.62	0	0	7.58	0	0	0	0	0	0	30.41	30.41
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	432.57	3.25	0	63.72	0	-0.6	0	0	7.95	0	0	0	0	0	0	29.24	29.24
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	508.5	3.25	0	65.13	0	-0.54	0	0	8.59	0	0	0	0	0	0	27.14	27.14
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	588.92	3.25	0	66.4	0	-0.49	0	0	9.14	0	0	0	0	0	0	25.26	25.26
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	644.85	3.25	0	67.19	0	-0.45	0	0	9.46	0	0	0	0	0	0	24.11	24.11
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	709.72	3.25	0	68.02	0	-0.41	0	0	9.78	0	0	0	0	0	0	22.91	22.91
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	794.96	3.25	0	69.01	0	-0.35	0	0	10.16	0	0	0	0	0	0	21.5	21.5
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	799.43	3.25	0	69.06	0	-0.35	0	0	10.18	0	0	0	0	0	0	21.43	21.43
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	812.27	3.25	0	69.19	0	-0.34	0	0	10.23	0	0	0	0	0	0	21.23	21.23
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	867.19	3.25	0	69.76	0	-0.31	0	0	10.44	0	0	0	0	0	0	20.42	20.42
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	965.61	3.25	0	70.7	0	-0.26	0	0	10.8	0	0	0	0	0	0	19.08	19.08
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	988.36	3.25	0	70.9	0	-0.25	0	0	10.87	0	0	0	0	0	0	18.79	18.79
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1061.4	3.25	0	71.52	0	-0.22	0	0	11.11	0	0	0	0	0	0	17.9	17.9
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	1281	4.4	0	73.15	0	-0.9	0	0	3.07	0	0	0	0	0	0	25.45	25.45
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1424.8	3.25	0	74.08	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.16	14.16
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	1316.1	3.5	0	73.39	0	3.06	0	0	1.29	0	0	0	0	0	0	18.89	18.89
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2435.2	3.25	0	78.73	0	0.24	0	0	14.33	0	0	0	0	0	0	7.01	7.01
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2481.5	3.25	0	78.89	0	0.25	0	0	14.42	0	0	0	0	0	0	6.74	6.74
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2519	3.25	0	79.02	0	0.26	0	0	14.49	0	0	0	0	0	0	6.53	6.53
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2552	3.25	0	79.14	0	0.27	0	0	14.56	0	0	0	0	0	0	6.35	6.35
	Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2649.4	3.25	0	79.46	0	0.29	0	0	14.74	0	0	0	0	0	0	5.82	5.82
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2664	3.25	0	79.51	0	0.29	0	0	14.77	0	0	0	0	0	0	5.74	5.74
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2701.7	3.25	0	79.63	0	0.3	0	0	14.83	0	0	0	0	0	0	5.54	5.54
	Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2783.9	3.25	0	79.89	0	0.32	0	0	14.99	0	0	0	0	0	0	5.12	5.12
	Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2814	3.25	0	79.99	0	0.33	0	0	15.04	0	0	0	0	0	0	4.96	4.96
	Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2969	3.25	0	80.45	0	0.36	0	0	15.32	0	0	0	0	0	0	4.19	4.19
	Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	979.8	3.25	0	70.82	0	1.13	0	0	7.66	0	0	0	0	0	0	5.64	5.64
	Reactor	LR	519489	4883270	3.05	0	0	87	87	1	1298.3	3.77	0	73.27	0	-0.65	0	0	3.11	0	0	0	0	0	0	11.26	11.26
	Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	256.82	3.25	0	59.19	0	-0.02	0	0	2.57	0	0	0	0	0	0	-5.68	-5.68
	Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	259.41	3.25	0	59.28	0	-0.03	0	0	2.58	0	0	0	0	0	0	-5.77	-5.77
	Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	401.13	3.25	0	63.07	0	-0.11	0	0	3.21	0	0	0	0	0	0	-10.1	-10.1

Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	426.82	3.25	0	63.6	0	-0.12	0	0	3.3	0	0	0	0	0	0	-10.73	-10.73
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	511.98	3.25	0	65.19	0	-0.12	0	0	3.59	0	0	0	0	0	0	-12.6	-12.6
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	594.65	3.25	0	66.49	0	-0.1	0	0	3.84	0	0	0	0	0	0	-14.16	-14.16
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	650.3	3.25	0	67.26	0	-0.09	0	0	4	0	0	0	0	0	0	-15.11	-15.11
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	705.14	3.25	0	67.97	0	-0.08	0	0	4.15	0	0	0	0	0	0	-15.97	-15.97
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	789.11	3.25	0	68.94	0	-0.06	0	0	4.37	0	0	0	0	0	0	-17.2	-17.2
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	805.42	3.25	0	69.12	0	-0.05	0	0	4.41	0	0	0	0	0	0	-17.42	-17.42
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	818.1	3.25	0	69.26	0	-0.05	0	0	4.44	0	0	0	0	0	0	-17.59	-17.59
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	872.3	3.25	0	69.81	0	-0.03	0	0	4.58	0	0	0	0	0	0	-18.3	-18.3
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	971.23	3.25	0	70.75	0	0	0	0	4.82	0	0	0	0	0	0	-19.51	-19.51
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	974.85	3.25	0	70.78	0	0	0	0	4.83	0	0	0	0	0	0	-19.55	-19.55
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	982.58	3.25	0	70.85	0	0.01	0	0	4.85	0	0	0	0	0	0	-19.64	-19.64
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1057	3.25	0	71.48	0	0.03	0	0	5.02	0	0	0	0	0	0	-20.48	-20.48
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1428.4	3.25	0	74.1	0	0.17	0	0	5.86	0	0	0	0	0	0	-24.07	-24.07
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2440.3	3.25	0	78.75	0	0.59	0	0	7.88	0	0	0	0	0	0	-31.16	-31.16
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2487	3.25	0	78.91	0	0.61	0	0	7.97	0	0	0	0	0	0	-31.43	-31.43
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2523.1	3.25	0	79.04	0	0.63	0	0	8.03	0	0	0	0	0	0	-31.64	-31.64
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2556.4	3.25	0	79.15	0	0.64	0	0	8.09	0	0	0	0	0	0	-31.83	-31.83
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2644.8	3.25	0	79.45	0	0.68	0	0	8.25	0	0	0	0	0	0	-32.32	-32.32
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2668.1	3.25	0	79.52	0	0.69	0	0	8.29	0	0	0	0	0	0	-32.45	-32.45
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2696.3	3.25	0	79.62	0	0.7	0	0	8.34	0	0	0	0	0	0	-32.6	-32.6
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2789.2	3.25	0	79.91	0	0.74	0	0	8.51	0	0	0	0	0	0	-33.1	-33.1
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2808.9	3.25	0	79.97	0	0.75	0	0	8.54	0	0	0	0	0	0	-33.2	-33.2
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2963.8	3.25	0	80.44	0	0.81	0	0	8.81	0	0	0	0	0	0	-34	-34
Value D/N: 0	0																								
Level D/N: 41.0657	41.0657																								

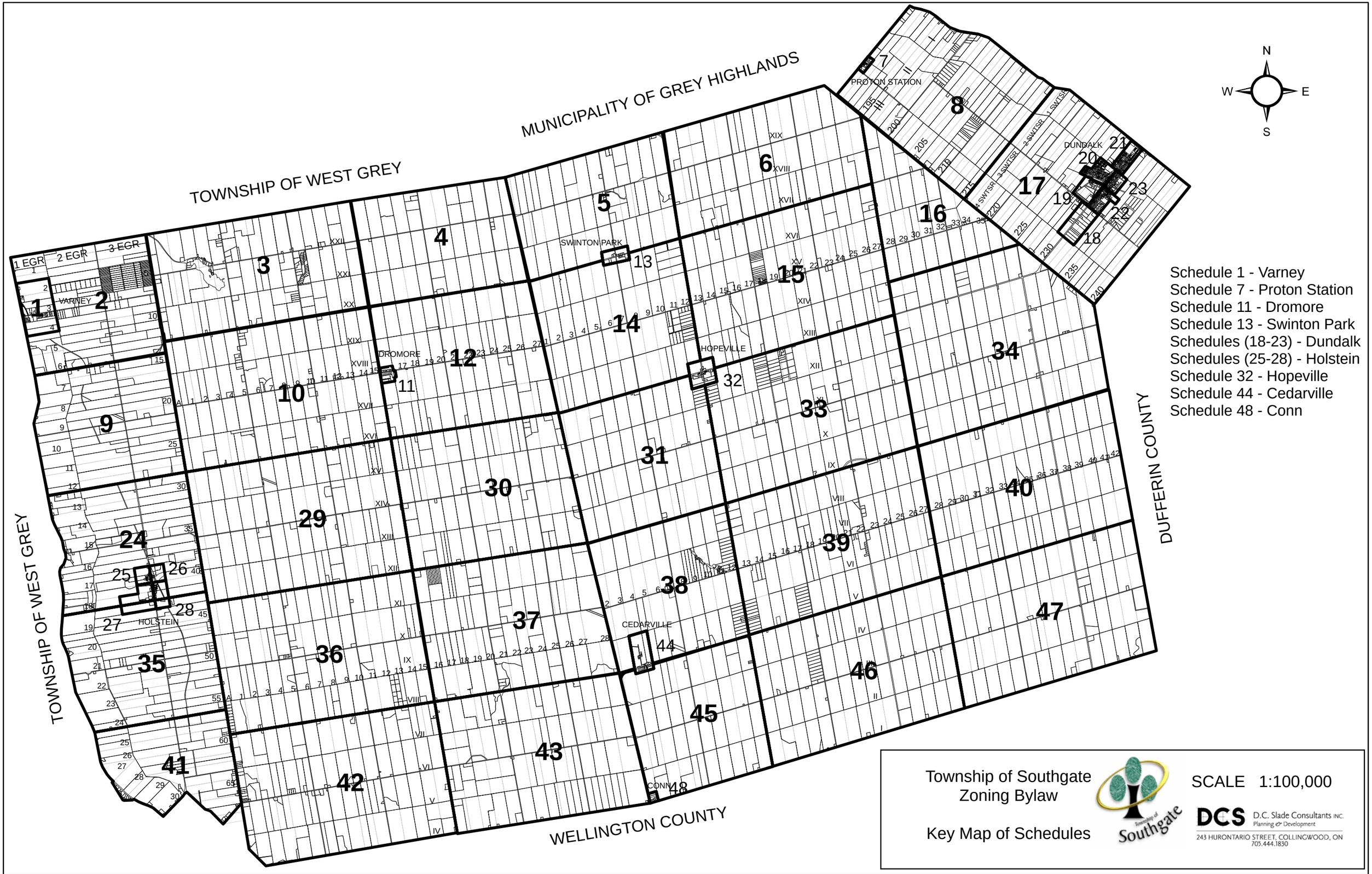
Receiver: Project Land Owner
ID: P8
X: 518668
Y: 4883166
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Spectrum	MV03	519094	4882575	2	0	0	100.3	100.3	1	728.54	3.25	0	68.25	0	-0.39	0	0	9.87	0	0	0	0	0	0	22.59	22.59
	Spectrum	TRS	519488	4883250	4.3	0	0	100.8	100.8	1	824.45	4.4	0	69.32	0	-0.89	0	0	2.16	0	0	0	0	0	0	30.19	30.19
	Spectrum	MV06	519284	4882666	2	0	0	100.3	100.3	1	793.39	3.25	0	68.99	0	-0.36	0	0	10.15	0	0	0	0	0	0	21.52	21.52
	Spectrum	MV01	518939	4882365	2	0	0	100.3	100.3	1	845.61	3.25	0	69.54	0	-0.33	0	0	10.36	0	0	0	0	0	0	20.73	20.73
	Spectrum	MV04	519108	4882357	2	0	0	100.3	100.3	1	921.13	3.25	0	70.29	0	-0.29	0	0	10.64	0	0	0	0	0	0	19.67	19.67
	Spectrum	MV09	519478	4882666	2	0	0	100.3	100.3	1	951.9	3.25	0	70.57	0	-0.27	0	0	10.75	0	0	0	0	0	0	19.26	19.26
	Spectrum	MV07	519303	4882385	2	0	0	100.3	100.3	1	1006.6	3.25	0	71.06	0	-0.24	0	0	10.93	0	0	0	0	0	0	18.57	18.57
	Spectrum	MV30	519752	4883213	2	0	0	100.3	100.3	1	1085	3.25	0	71.71	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.63	17.63
	Spectrum	MV13	519674	4882715	2	0	0	100.3	100.3	1	1102.5	3.25	0	71.85	0	-0.2	0	0	11.24	0	0	0	0	0	0	17.43	17.43
	Spectrum	MV02	518969	4882095	2	0	0	100.3	100.3	1	1112.5	3.25	0	71.93	0	-0.19	0	0	11.27	0	0	0	0	0	0	17.31	17.31
	Spectrum	MV10	519516	4882386	2	0	0	100.3	100.3	1	1152.2	3.25	0	72.23	0	-0.18	0	0	11.39	0	0	0	0	0	0	16.87	16.87
	Spectrum	MV05	519156	4882087	2	0	0	100.3	100.3	1	1184.2	3.25	0	72.47	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.52	16.52
	Spectrum	MV14	519694	4882471	2	0	0	100.3	100.3	1	1239.2	3.25	0	72.86	0	-0.14	0	0	11.64	0	0	0	0	0	0	15.95	15.95
	Spectrum	MV11	519540	4882235	2	0	0	100.3	100.3	1	1275.6	3.25	0	73.11	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.58	15.58
	Spectrum	DSTAT	519505	4883281	2.5	0	0	96.6	96.6	1	844.94	3.5	0	69.54	0	2.77	0	0	0.97	0	0	0	0	0	0	23.35	23.35
	Spectrum	MV08	519350	4881997	2	0	0	100.3	100.3	1	1353.4	3.25	0	73.63	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.82	14.82
	Spectrum	MV15	519703	4882288	2	0	0	100.3	100.3	1	1357.5	3.25	0	73.65	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.79	14.79
	Spectrum	MV12	519530	4882016	2	0	0	100.3	100.3	1	1437.2	3.25	0	74.15	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.05	14.05
	Spectrum	MV18	520812	4883490	2	0	0	100.3	100.3	1	2168.3	3.25	0	77.72	0	0.18	0	0	13.81	0	0	0	0	0	0	8.6	8.6
	Spectrum	MV17	520793	4883670	2	0	0	100.3	100.3	1	2184	3.25	0	77.78	0	0.18	0	0	13.84	0	0	0	0	0	0	8.51	8.51
	Spectrum	MV20	520990	4883415	2	0	0	100.3	100.3	1	2335.3	3.25	0	78.37	0	0.22	0	0	14.14	0	0	0	0	0	0	7.59	7.59
	Spectrum	MV21	521016	4883200	2	0	0	100.3	100.3	1	2348.3	3.25	0	78.41	0	0.22	0	0	14.17	0	0	0	0	0	0	7.51	7.51
	Spectrum	MV19	520962	4883680	2	0	0	100.3	100.3	1	2350.9	3.25	0	78.42	0	0.22	0	0	14.17	0	0	0	0	0	0	7.49	7.49
	Spectrum	MV24	521166	4883400	2	0	0	100.3	100.3	1	2508.9	3.25	0	78.99	0	0.26	0	0	14.48	0	0	0	0	0	0	6.59	6.59

Spectrum	MV25	521194	4883210	2	0	0	100.3	100.3	1	2526.4	3.25	0	79.05	0	0.26	0	0	14.51	0	0	0	0	0	0	6.49	6.49
Spectrum	MV22	521146	4883670	2	0	0	100.3	100.3	1	2528.7	3.25	0	79.06	0	0.26	0	0	14.51	0	0	0	0	0	0	6.48	6.48
Spectrum	MV23	521185	4883542	2	0	0	100.3	100.3	1	2544.9	3.25	0	79.11	0	0.27	0	0	14.54	0	0	0	0	0	0	6.39	6.39
Spectrum	MV26	521394	4883542	2	0	0	100.3	100.3	1	2751.7	3.25	0	79.79	0	0.31	0	0	14.93	0	0	0	0	0	0	5.28	5.28
Spectrum	MV27	521558	4883640	2	0	0	100.3	100.3	1	2928.6	3.25	0	80.33	0	0.35	0	0	15.25	0	0	0	0	0	0	4.39	4.39
Reactor	LR	519489	4883270	3.05	0	0	87	87	1	827.63	3.77	0	69.36	0	-0.7	0	0	2.16	0	0	0	0	0	0	16.15	16.15
Spectrum	MV16	519712	4882078	2	0	0	85.2	85.2	1	1507.9	3.25	0	74.57	0	1.18	0	0	8.41	0	0	0	0	0	0	1.09	1.09
Spectrum	MV03T	519099	4882575	2	0	0	56.1	56.1	1	731.47	3.25	0	68.28	0	-0.07	0	0	4.22	0	0	0	0	0	0	-16.37	-16.37
Spectrum	MV06T	519278	4882666	2	0	0	56.1	56.1	1	788.74	3.25	0	68.94	0	-0.06	0	0	4.37	0	0	0	0	0	0	-17.19	-17.19
Spectrum	MV01T	518945	4882365	2	0	0	56.1	56.1	1	847.55	3.25	0	69.56	0	-0.04	0	0	4.52	0	0	0	0	0	0	-17.98	-17.98
Spectrum	MV04T	519114	4882357	2	0	0	56.1	56.1	1	924.2	3.25	0	70.32	0	-0.01	0	0	4.71	0	0	0	0	0	0	-18.95	-18.95
Spectrum	MV09T	519484	4882666	2	0	0	56.1	56.1	1	957.01	3.25	0	70.62	0	0	0	0	4.79	0	0	0	0	0	0	-19.34	-19.34
Spectrum	MV07T	519309	4882385	2	0	0	56.1	56.1	1	1010.4	3.25	0	71.09	0	0.02	0	0	4.91	0	0	0	0	0	0	-19.96	-19.96
Spectrum	MV30T	519757	4883213	2	0	0	56.1	56.1	1	1090	3.25	0	71.75	0	0.04	0	0	5.1	0	0	0	0	0	0	-20.84	-20.84
Spectrum	MV13T	519669	4882715	2	0	0	56.1	56.1	1	1097.9	3.25	0	71.81	0	0.05	0	0	5.12	0	0	0	0	0	0	-20.92	-20.92
Spectrum	MV02T	518974	4882095	2	0	0	56.1	56.1	1	1113.9	3.25	0	71.94	0	0.05	0	0	5.16	0	0	0	0	0	0	-21.09	-21.09
Spectrum	MV10T	519510	4882386	2	0	0	56.1	56.1	1	1147.8	3.25	0	72.2	0	0.06	0	0	5.24	0	0	0	0	0	0	-21.44	-21.44
Spectrum	MV05T	519150	4882087	2	0	0	56.1	56.1	1	1181.8	3.25	0	72.45	0	0.08	0	0	5.31	0	0	0	0	0	0	-21.78	-21.78
Spectrum	MV14T	519688	4882471	2	0	0	56.1	56.1	1	1234.3	3.25	0	72.83	0	0.1	0	0	5.43	0	0	0	0	0	0	-22.3	-22.3
Spectrum	MV11T	519546	4882235	2	0	0	56.1	56.1	1	1279.7	3.25	0	73.14	0	0.11	0	0	5.54	0	0	0	0	0	0	-22.73	-22.73
Spectrum	MV08T	519356	4881997	2	0	0	56.1	56.1	1	1356.4	3.25	0	73.65	0	0.14	0	0	5.71	0	0	0	0	0	0	-23.44	-23.44
Spectrum	MV15T	519709	4882288	2	0	0	56.1	56.1	1	1362	3.25	0	73.68	0	0.14	0	0	5.72	0	0	0	0	0	0	-23.49	-23.49
Spectrum	MV12T	519536	4882016	2	0	0	56.1	56.1	1	1440.8	3.25	0	74.17	0	0.18	0	0	5.89	0	0	0	0	0	0	-24.18	-24.18
Spectrum	MV16T	519707	4882078	2	0	0	56.1	56.1	1	1504.4	3.25	0	74.55	0	0.2	0	0	6.03	0	0	0	0	0	0	-24.72	-24.72
Spectrum	MV18T	520818	4883490	2	0	0	56.1	56.1	1	2174.3	3.25	0	77.75	0	0.48	0	0	7.38	0	0	0	0	0	0	-29.55	-29.55
Spectrum	MV17T	520798	4883670	2	0	0	56.1	56.1	1	2188.8	3.25	0	77.8	0	0.48	0	0	7.41	0	0	0	0	0	0	-29.64	-29.64
Spectrum	MV20T	520995	4883415	2	0	0	56.1	56.1	1	2340.3	3.25	0	78.39	0	0.55	0	0	7.7	0	0	0	0	0	0	-30.57	-30.57
Spectrum	MV21T	521022	4883200	2	0	0	56.1	56.1	1	2354.3	3.25	0	78.44	0	0.55	0	0	7.72	0	0	0	0	0	0	-30.65	-30.65
Spectrum	MV19T	520967	4883680	2	0	0	56.1	56.1	1	2355.8	3.25	0	78.44	0	0.55	0	0	7.72	0	0	0	0	0	0	-30.66	-30.66
Spectrum	MV24T	521160	4883400	2	0	0	56.1	56.1	1	2503	3.25	0	78.97	0	0.62	0	0	7.99	0	0	0	0	0	0	-31.52	-31.52
Spectrum	MV25T	521189	4883210	2	0	0	56.1	56.1	1	2521.4	3.25	0	79.03	0	0.63	0	0	8.03	0	0	0	0	0	0	-31.63	-31.63
Spectrum	MV22T	521140	4883670	2	0	0	56.1	56.1	1	2522.9	3.25	0	79.04	0	0.63	0	0	8.03	0	0	0	0	0	0	-31.64	-31.64
Spectrum	MV23T	521191	4883542	2	0	0	56.1	56.1	1	2550.9	3.25	0	79.13	0	0.64	0	0	8.08	0	0	0	0	0	0	-31.8	-31.8
Spectrum	MV26T	521388	4883542	2	0	0	56.1	56.1	1	2745.8	3.25	0	79.77	0	0.72	0	0	8.43	0	0	0	0	0	0	-32.87	-32.87
Spectrum	MV27T	521564	4883640	2	0	0	56.1	56.1	1	2934.5	3.25	0	80.35	0	0.8	0	0	8.76	0	0	0	0	0	0	-33.85	-33.85
Value D/N:	0																								
Level D/N:	33.931																								

APPENDIX C

Zoning Map



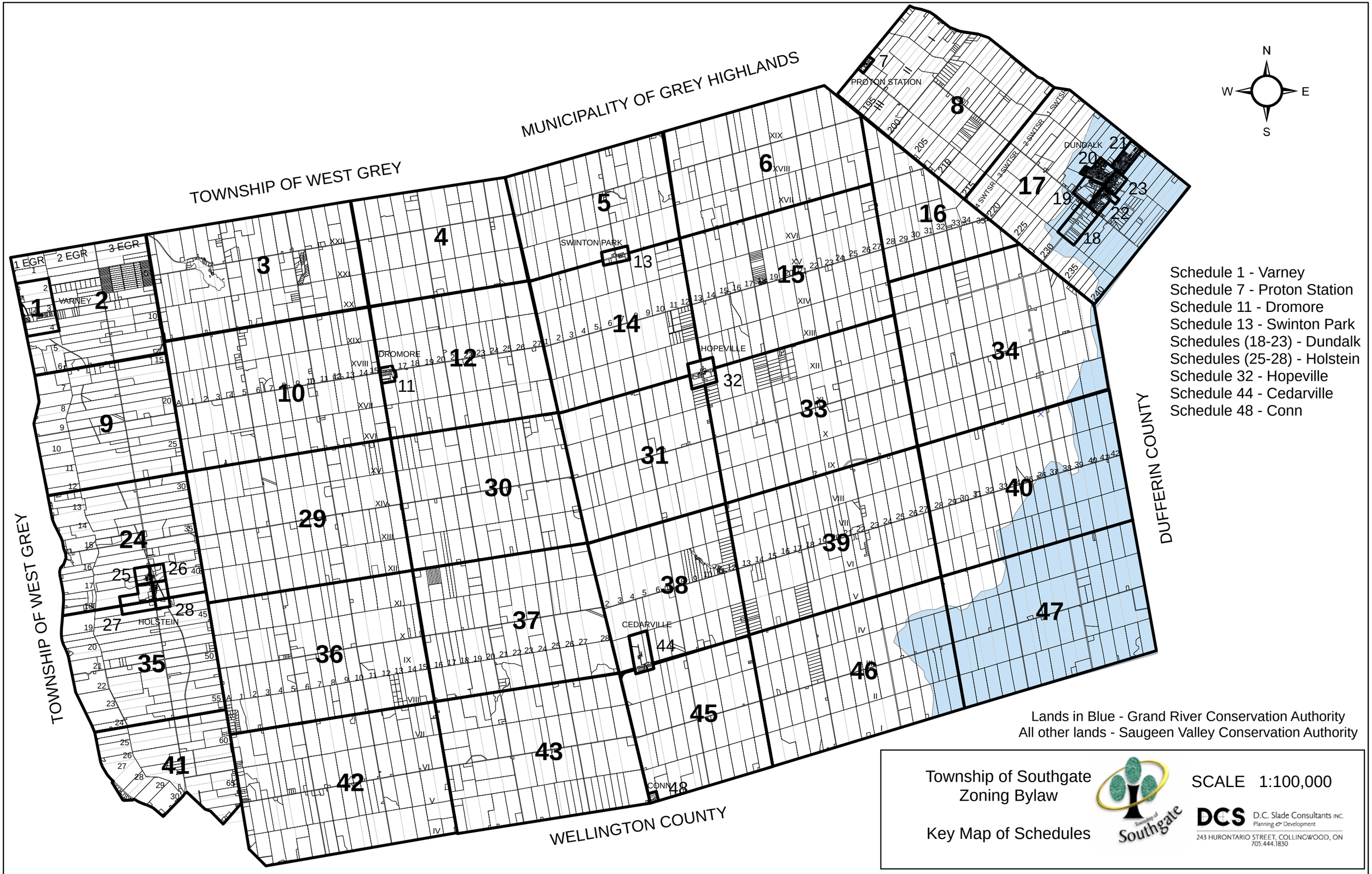
Schedule 1 - Varney
Schedule 7 - Proton Station
Schedule 11 - Dromore
Schedule 13 - Swinton Park
Schedules (18-23) - Dundalk
Schedules (25-28) - Holstein
Schedule 32 - Hopeville
Schedule 44 - Cedarville
Schedule 48 - Conn

Township of Southgate
Zoning Bylaw

Key Map of Schedules

SCALE 1:100,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830



Schedule 1 - Varney
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Schedule 32 - Hopeville
Schedule 44 - Cedarville
Schedule 48 - Conn

Lands in Blue - Grand River Conservation Authority
All other lands - Saugeen Valley Conservation Authority

Township of Southgate
Zoning Bylaw

Key Map of Schedules

SCALE 1:100,000

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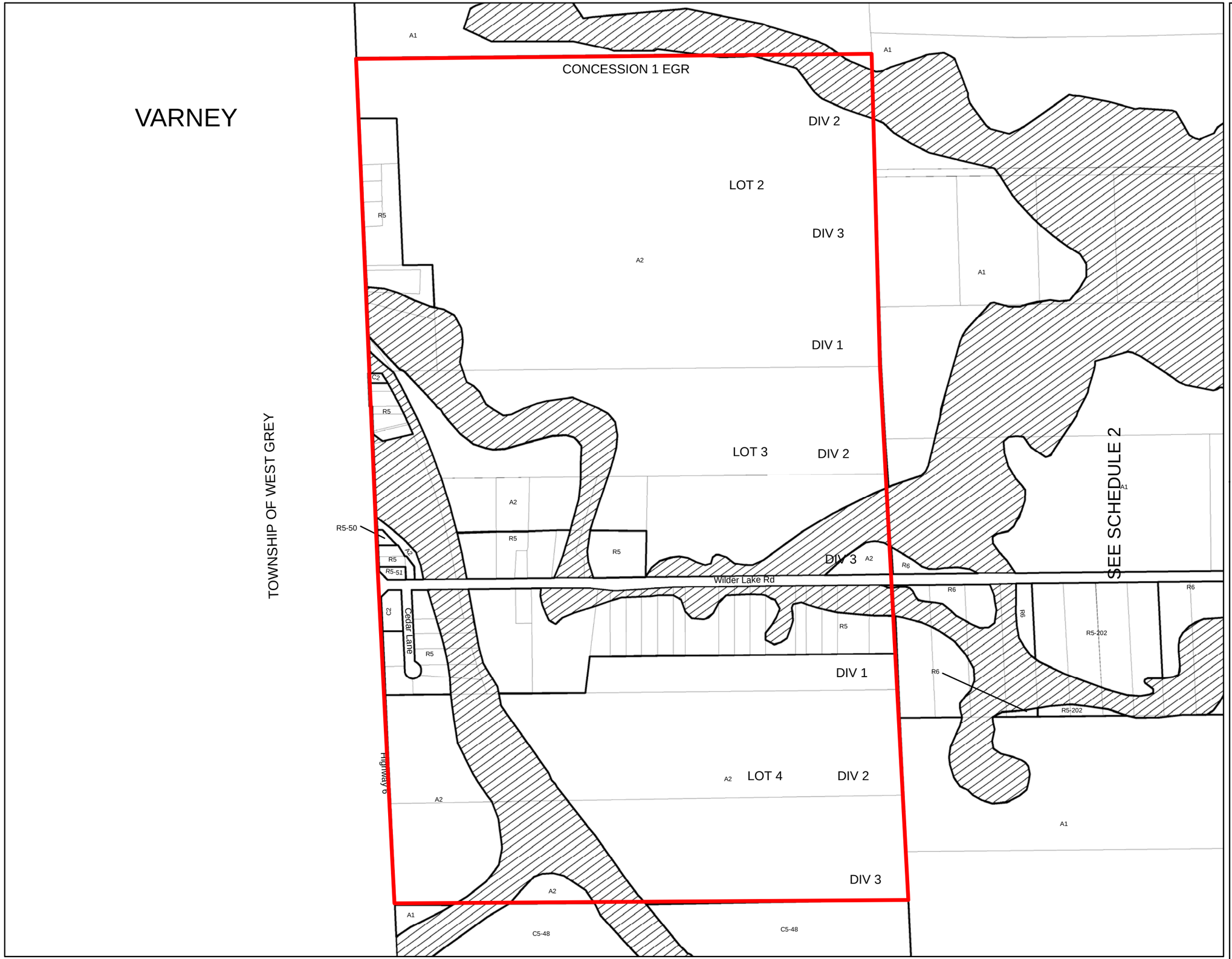

Township of Southgate
Zoning Bylaw
SCHEDULE 1
to By-Law Number _____
Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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W E
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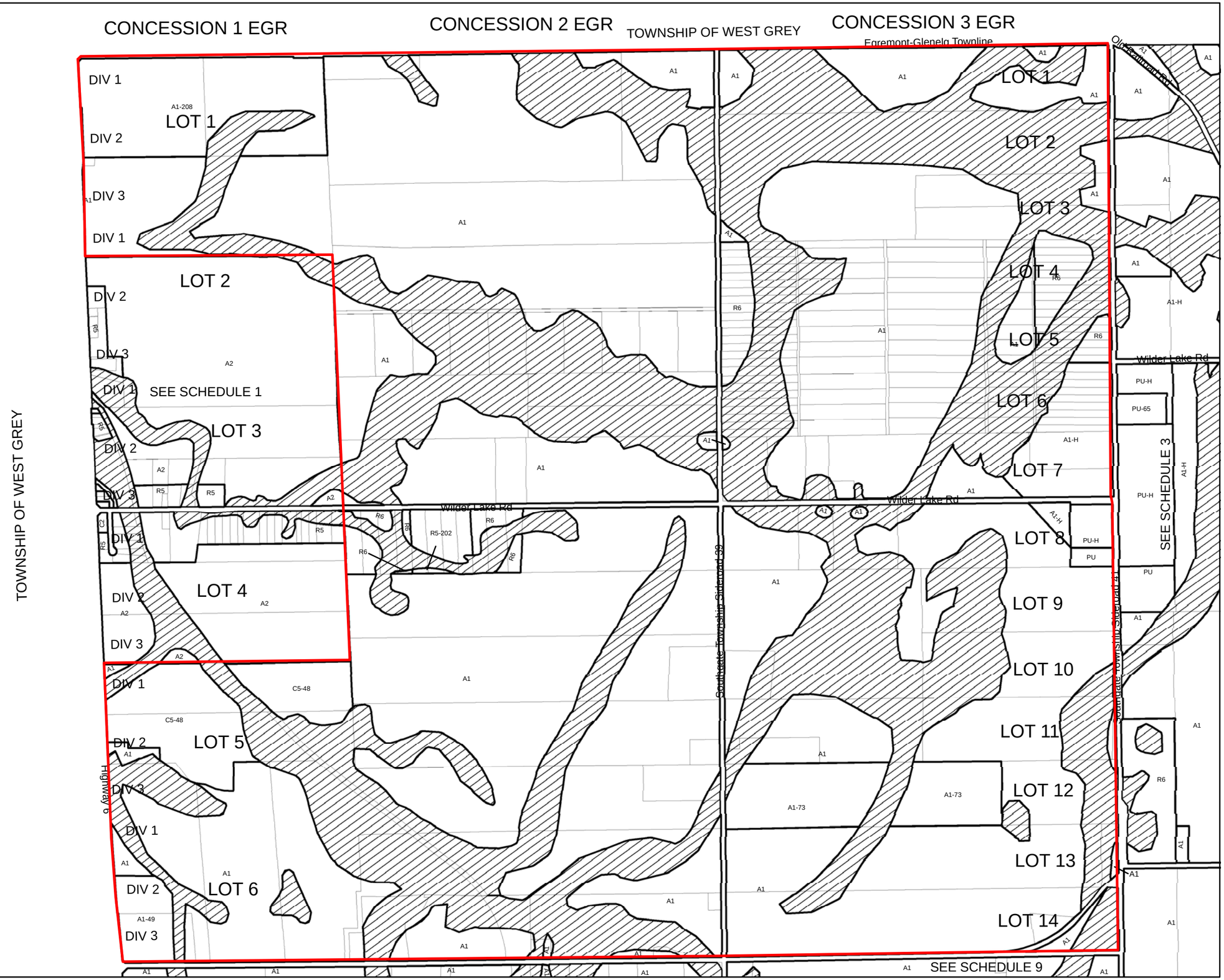
SCALE 1:7,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate Zoning Bylaw

SCHEDULE 2

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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W
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SCALE 1:15,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

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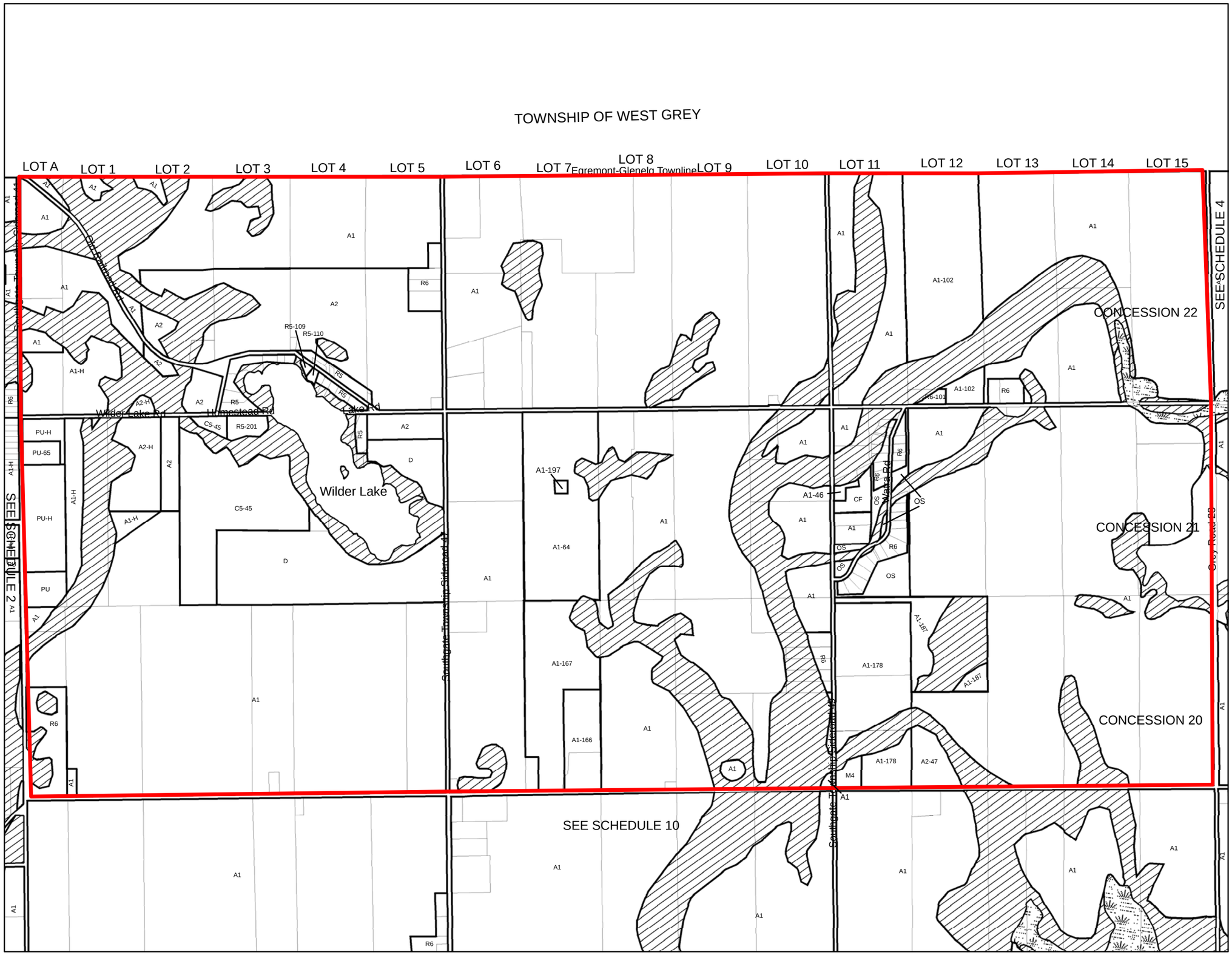

Township of Southgate
Zoning Bylaw
SCHEDULE 3

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N
W E
S

SCALE 1:20,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

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TOWNSHIP OF WEST GREY

Stone Hill Road

Egremont-Glenelg Townline

CONCESSION 22

CONCESSION 21

CONCESSION 20

Southgate Township Road 26

Southgate Township Road 24

Grey Road 23

Southgate Township Sideroad 57

Southgate Township Sideroad 61

Southgate Township Road 63

SEE SCHEDULE 3

SEE SCHEDULE 5

SEE SCHEDULE 12

LOT 16 LOT 17 LOT 18 LOT 19 LOT 20 LOT 21 LOT 22 LOT 23 LOT 24 LOT 25 LOT 26 LOT 27

A1 A1-136 A1-138 A2 M4 R6-126 A1-120

Township of Southgate Zoning Bylaw

SCHEDULE 4

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:15,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.

MUNICIPALITY OF GREY HIGHLANDS

LOT 1 | LOT 2 | LOT 3 | LOT 4 | LOT 5 | LOT 6 | LOT 7 | LOT 8 | LOT 9 | LOT 10 | LOT 11 | LOT 12

Aretemesia-Southgate Townline

Grey Road 14

CONCESSION 19

CONCESSION 18

CONCESSION 17

Southgate Township Road 03

Southgate Township Road 26

Southgate Township Road 24

Southgate Township Road 07

SEE SCHEDULE 4

SEE SCHEDULE 6

SEE SCHEDULE 13

SEE SCHEDULE 14

A1 A1-103 A1-104 A2 R6

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.

Township of Southgate Zoning Bylaw

SCHEDULE 5

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

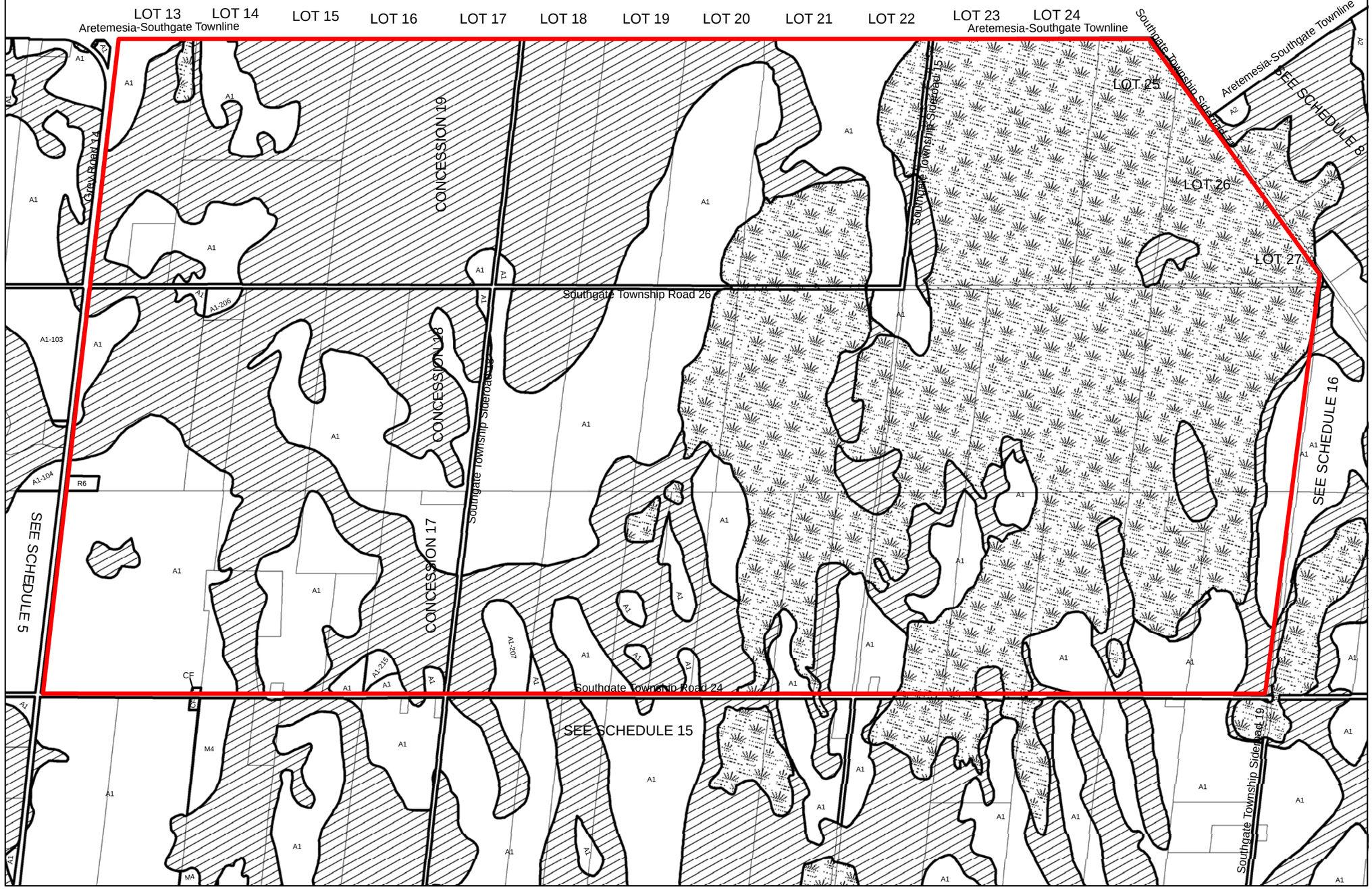
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:15,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

MUNICIPALITY OF GREY HIGHLANDS



Township of Southgate
Zoning Bylaw
SCHEDULE 6

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N
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SCALE 1:20,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.

PROTON STATION

MUNICIPALITY OF GREY HIGHLANDS

Township of Southgate
Zoning Bylaw
SCHEDULE 7
to By-Law Number _____
Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

SCALE 1:2,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.

Township of Southgate Zoning Bylaw

SCHEDULE 8

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

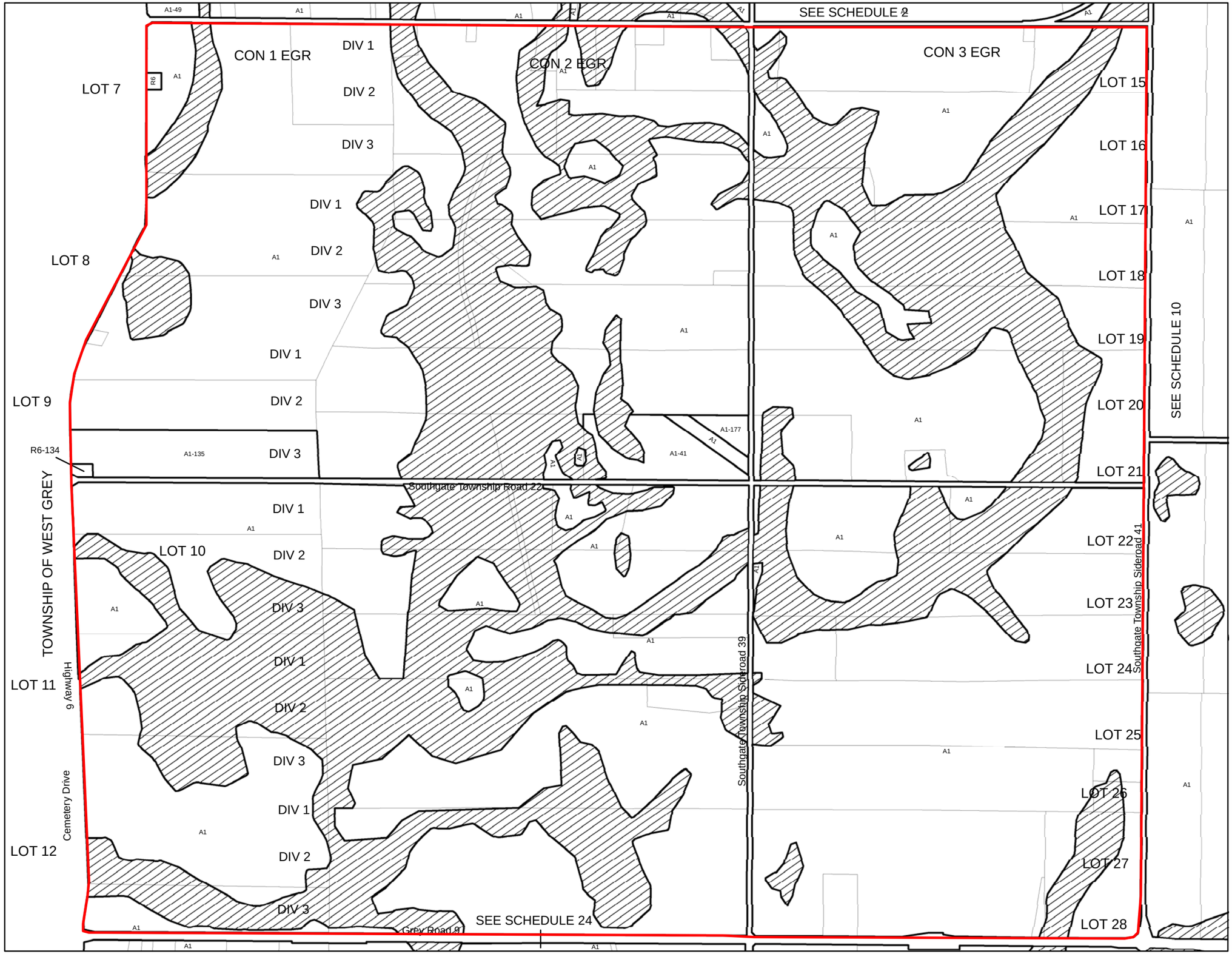
LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

SCALE 1:20,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.

Township of Southgate
Zoning Bylaw
SCHEDULE 9

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

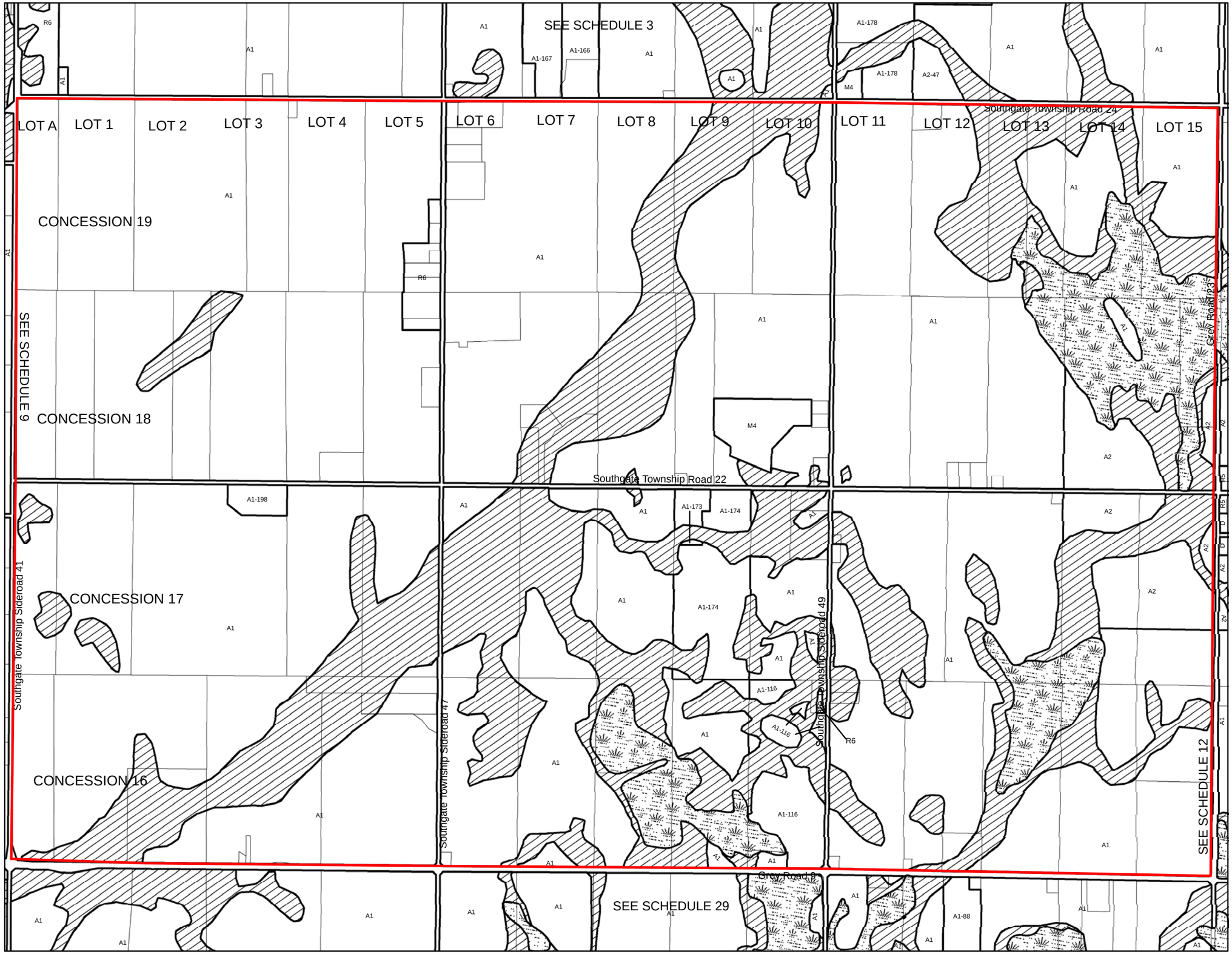
LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:15,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830



Township of Southgate
Zoning Bylaw
SCHEDULE 10

to By-Law Number _____

Passed this ___ of _____, 2009

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MAYOR

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CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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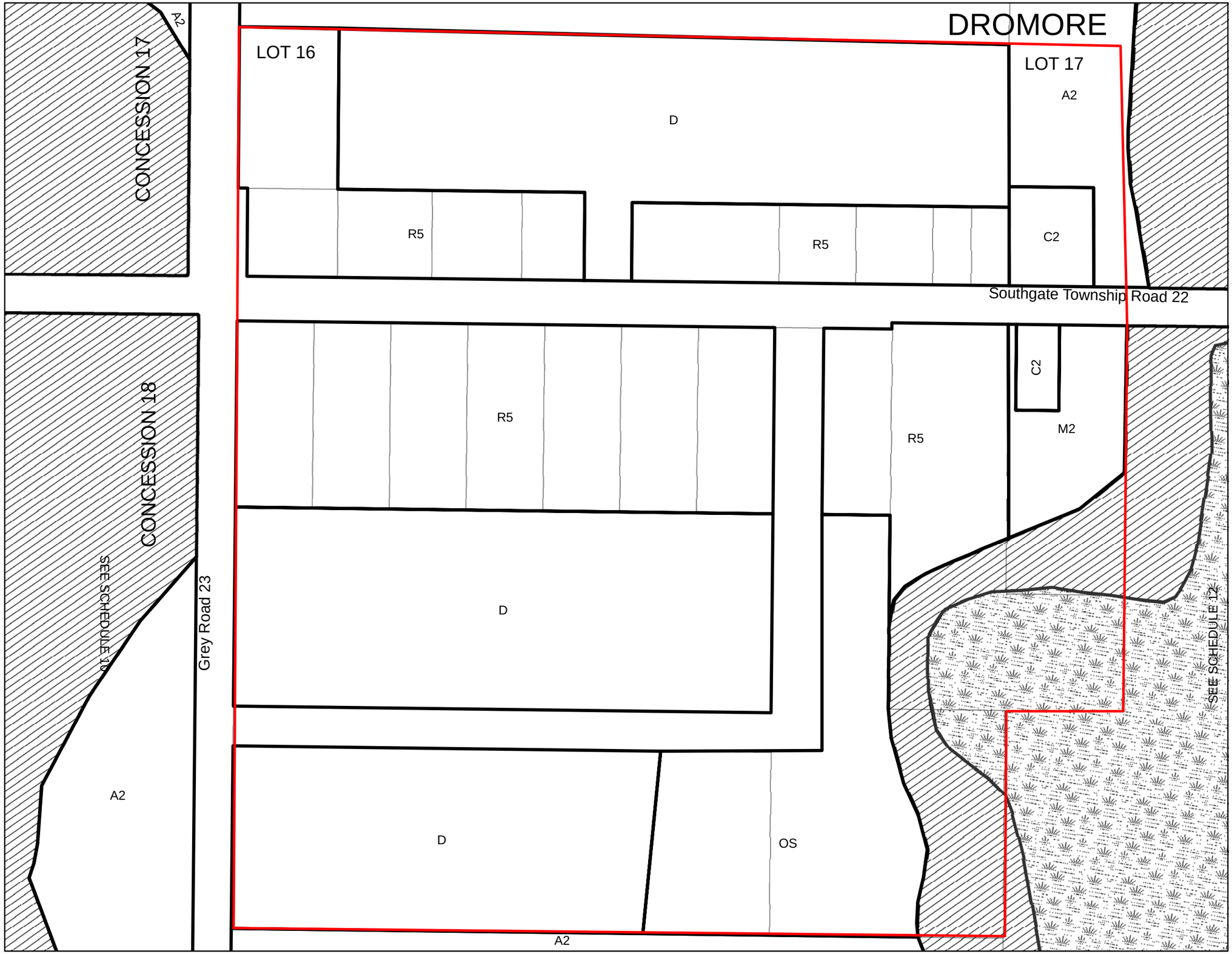
SCALE 1:19,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 11

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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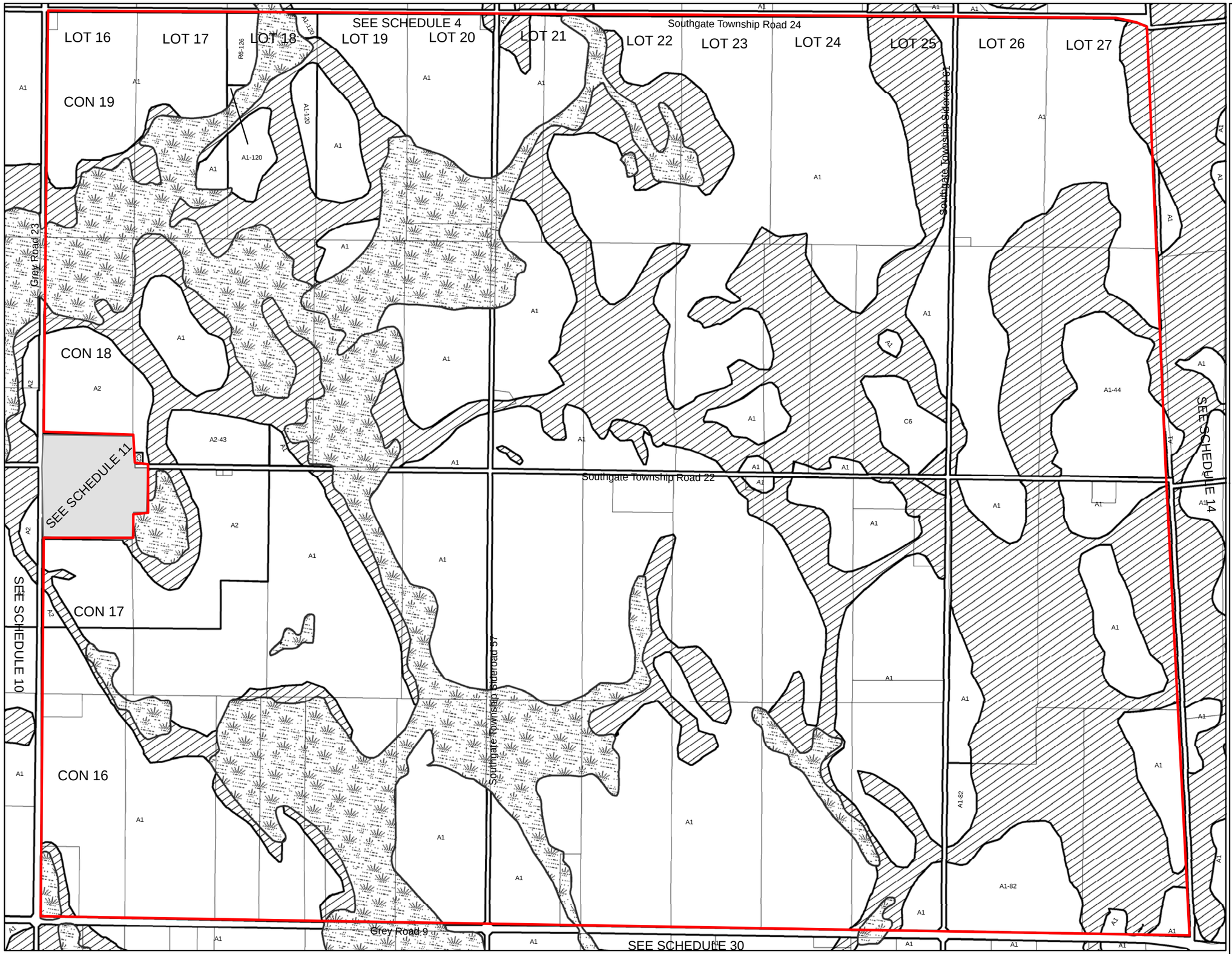
SCALE 1:2,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



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Township of Southgate
Zoning Bylaw
SCHEDULE 12

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

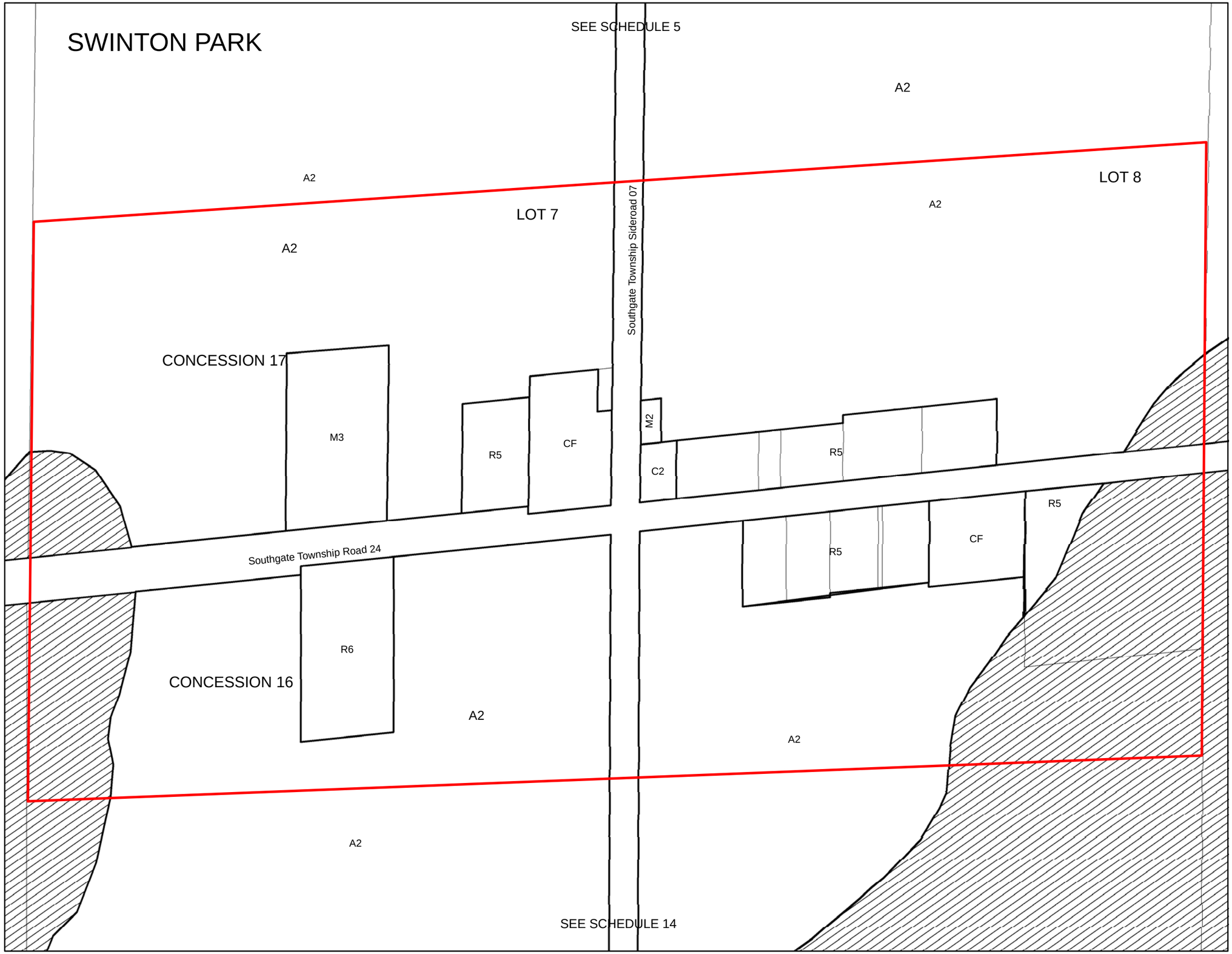
LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:16,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830



Township of Southgate
Zoning Bylaw
SCHEDULE 13
to By-Law Number _____
Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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SCALE 1:2,500

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.

Township of Southgate
Zoning Bylaw
SCHEDULE 14

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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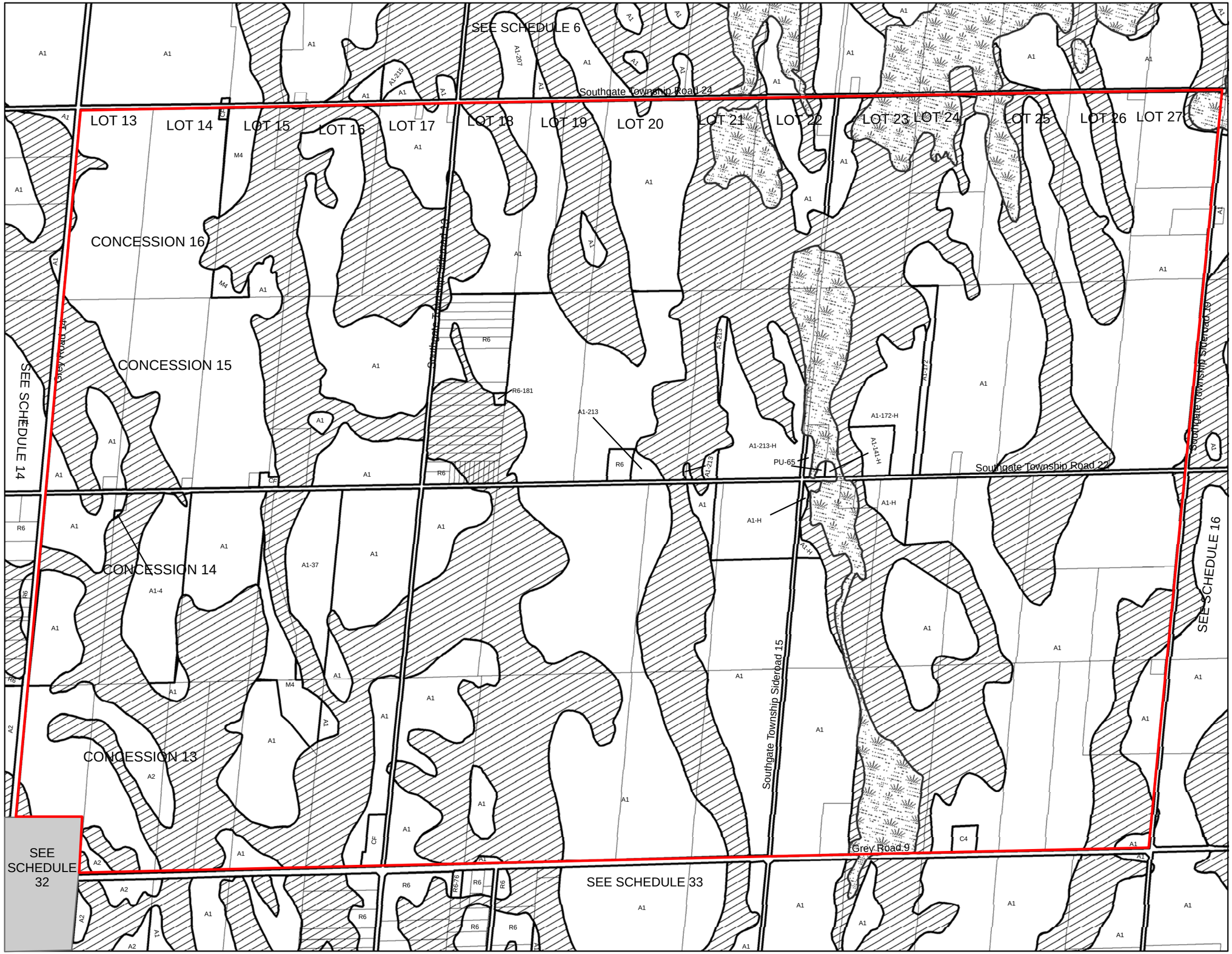
SCALE 1:16,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 15

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:19,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.

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Township of Southgate
Zoning Bylaw
SCHEDULE 16

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

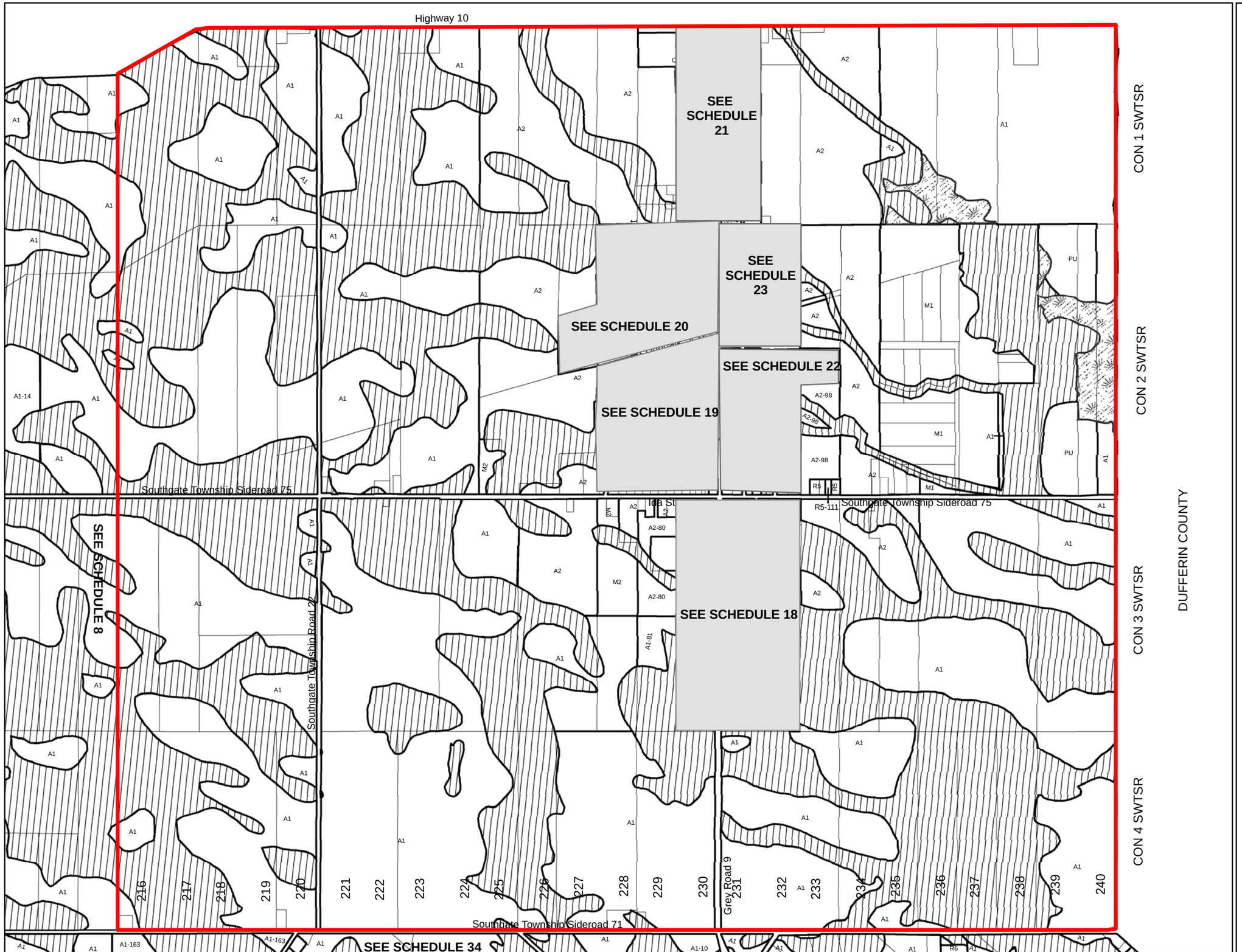
_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

SCALE 1:20,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830



Township of Southgate
Zoning Bylaw
SCHEDULE 17

to By-Law Number _____

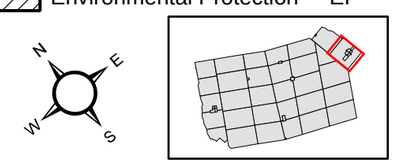
Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP



SCALE 1:18,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Grand River Conservation Authority's and the Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The GRCA or the SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the GRCA or the SVCA Regulation will apply.

SEE SCHEDULE 17

A1-81

A2-80

A2

A2-80

A2

SEE SCHEDULE 19

CON 3 SWTSR

A2-80

CF

R6-93

A2-171

R6-21

M2-94

R6-92

R6

R6

A2

A2

R6-93

LOT 230

Grey Road 9

LOT 231

SEE SCHEDULE 17

R6

R6

CF

R6

M2-18

R6

CF-H

R6-H

LOT 232

PU-66

PU-H

PU

Southgate Township Sideroad 75

R6

A1

A2

A2

SEE SCHEDULE 22

SEE SCHEDULE 17

Township of Southgate
Zoning Bylaw
SCHEDULE 18

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

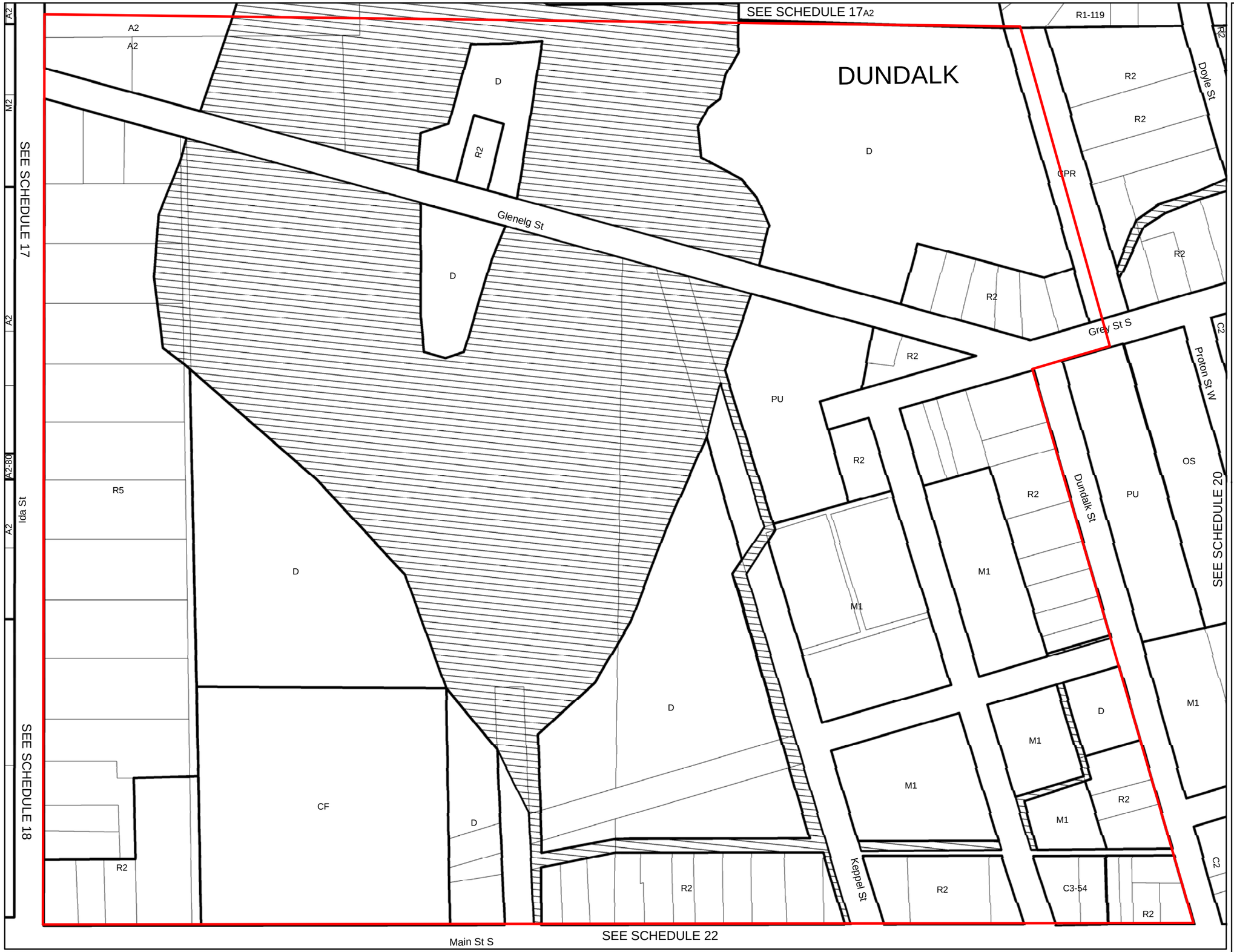
W N S E

SCALE 1:4,000

DCS D.C. Slade Consultants INC.
Planning & Development

243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Grand River Conservation Authority's and the Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The GRCA or the SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the GRCA or the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 19
to By-Law Number _____
Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

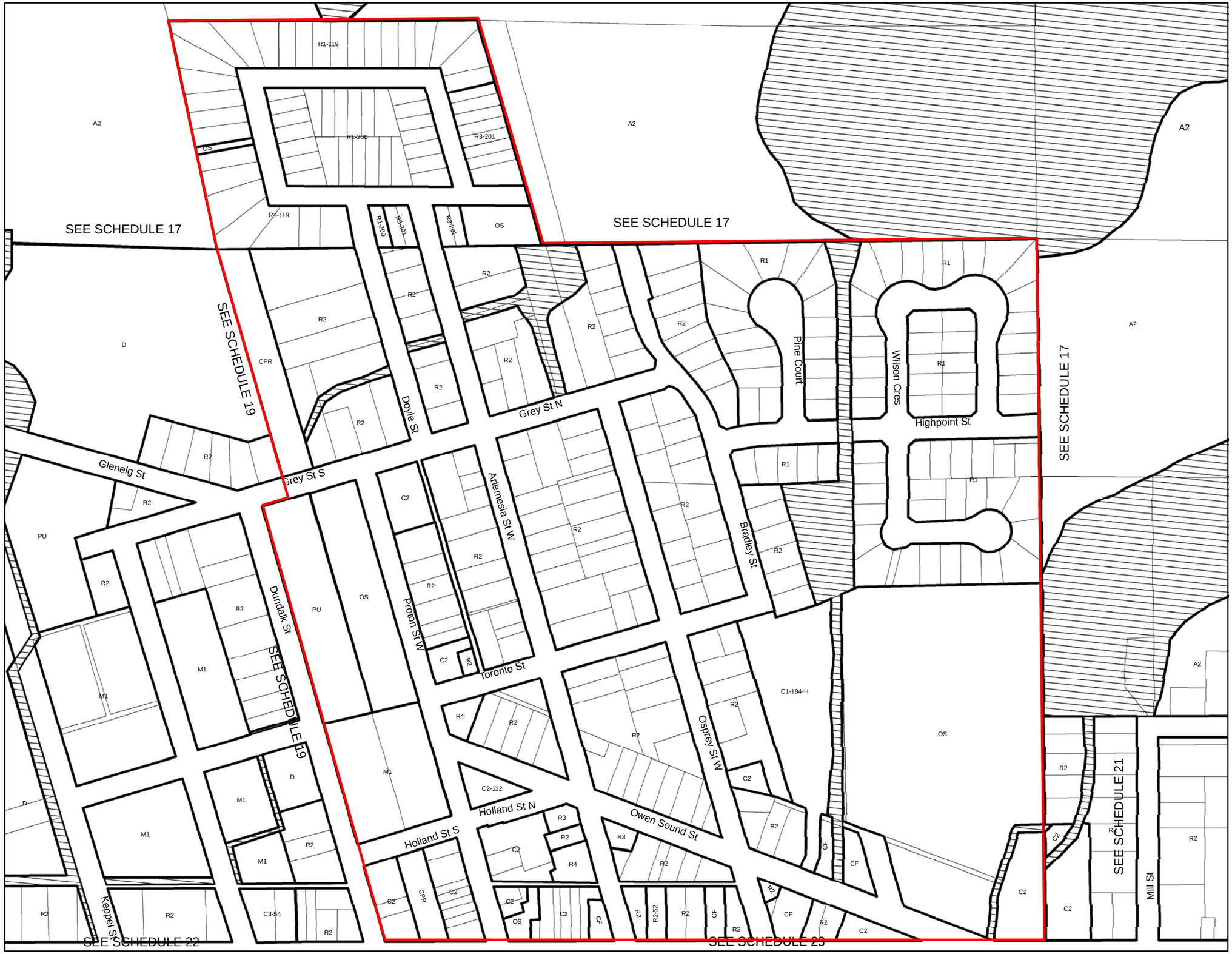
LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

SCALE 1:3,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Grand River Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The GRCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the GRCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 20

to By-Law Number _____

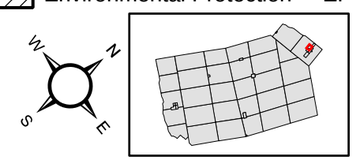
Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP



SCALE 1:3,200

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Grand River Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The GRCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the GRCA Regulation will apply.

Township of Southgate
Zoning Bylaw
SCHEDULE 21

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

SCALE 1:3,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

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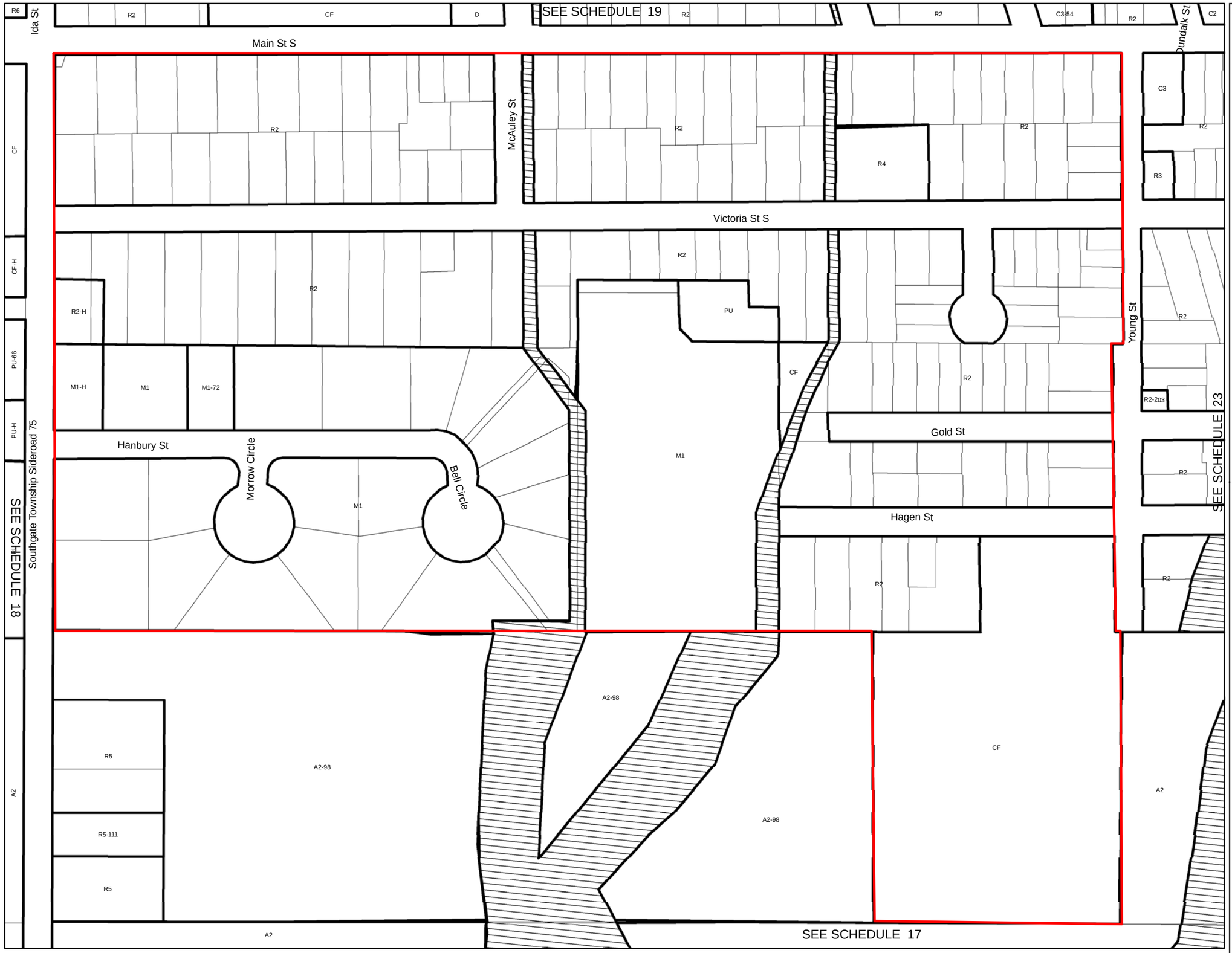

Township of Southgate
Zoning Bylaw
SCHEDULE 22

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

SCALE 1:3,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

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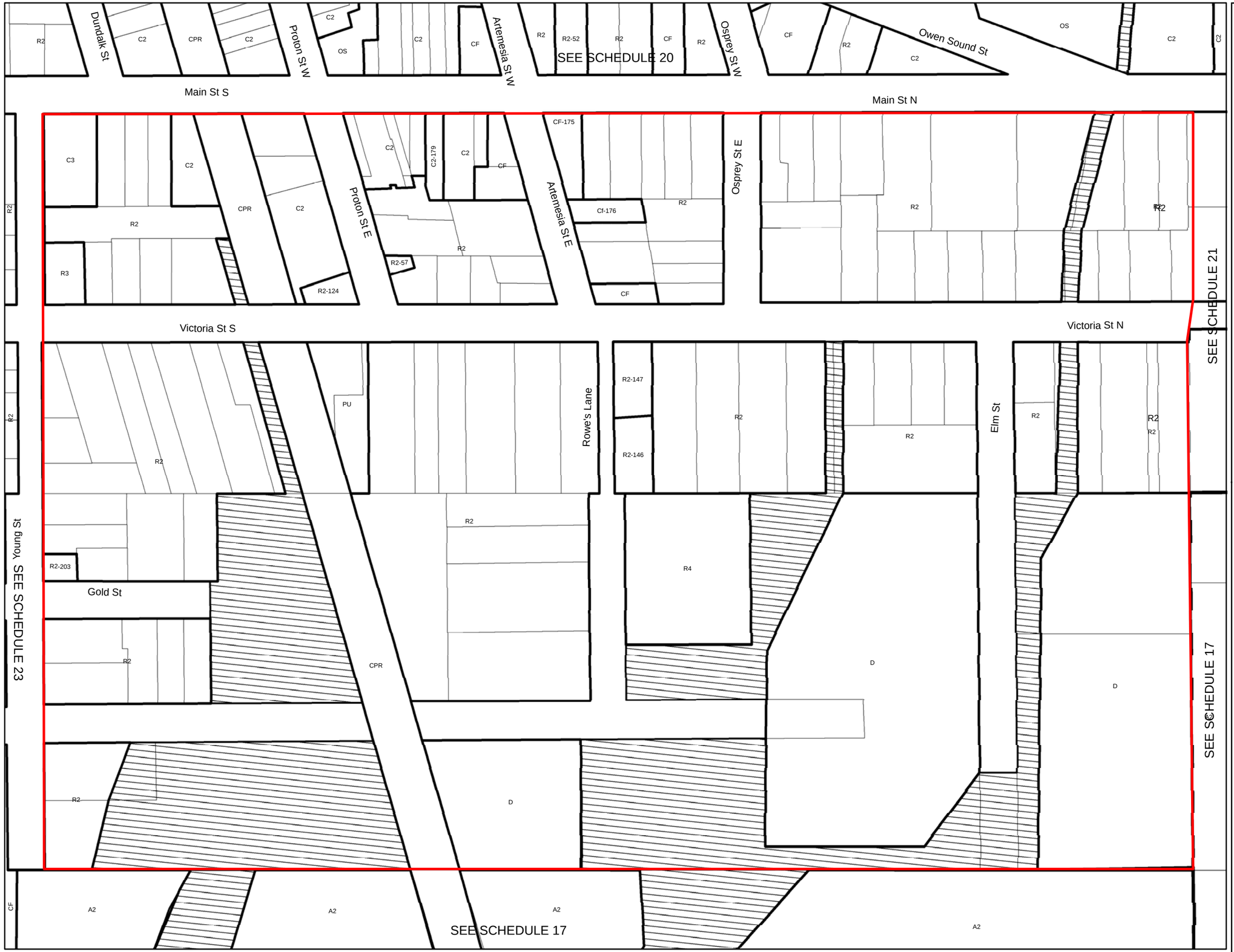

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Township of Southgate
Zoning Bylaw
SCHEDULE 23

to By-Law Number _____

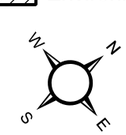
Passed this ___ of _____, 2009

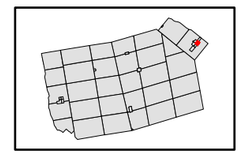
_____
MAYOR

_____
CLERK

LEGEND

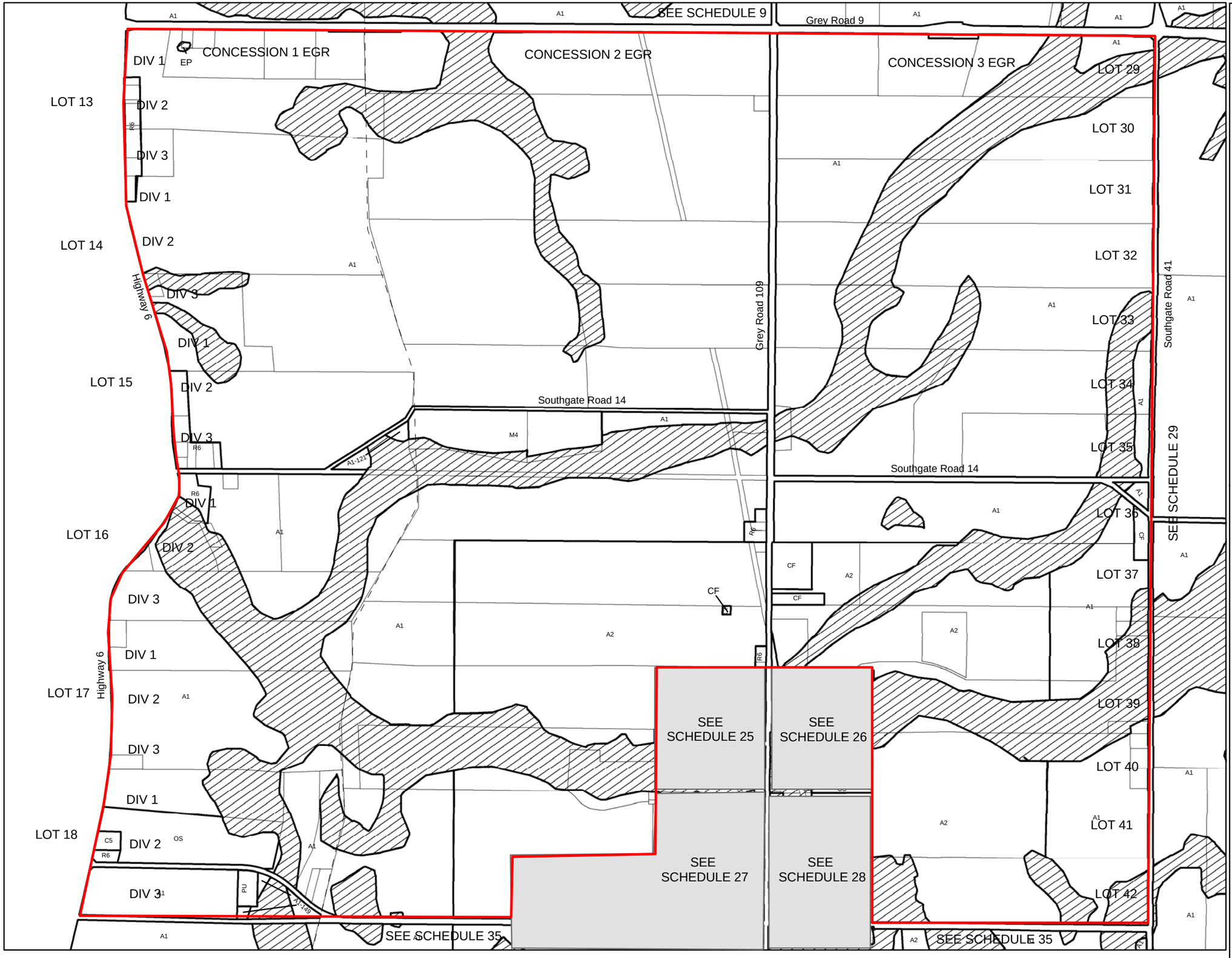
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP





SCALE 1:2,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830



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Township of Southgate Zoning Bylaw

SCHEDULE 24

to By-Law Number _____

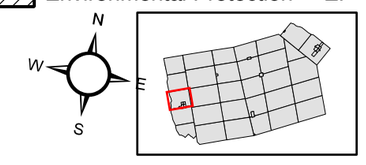
Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

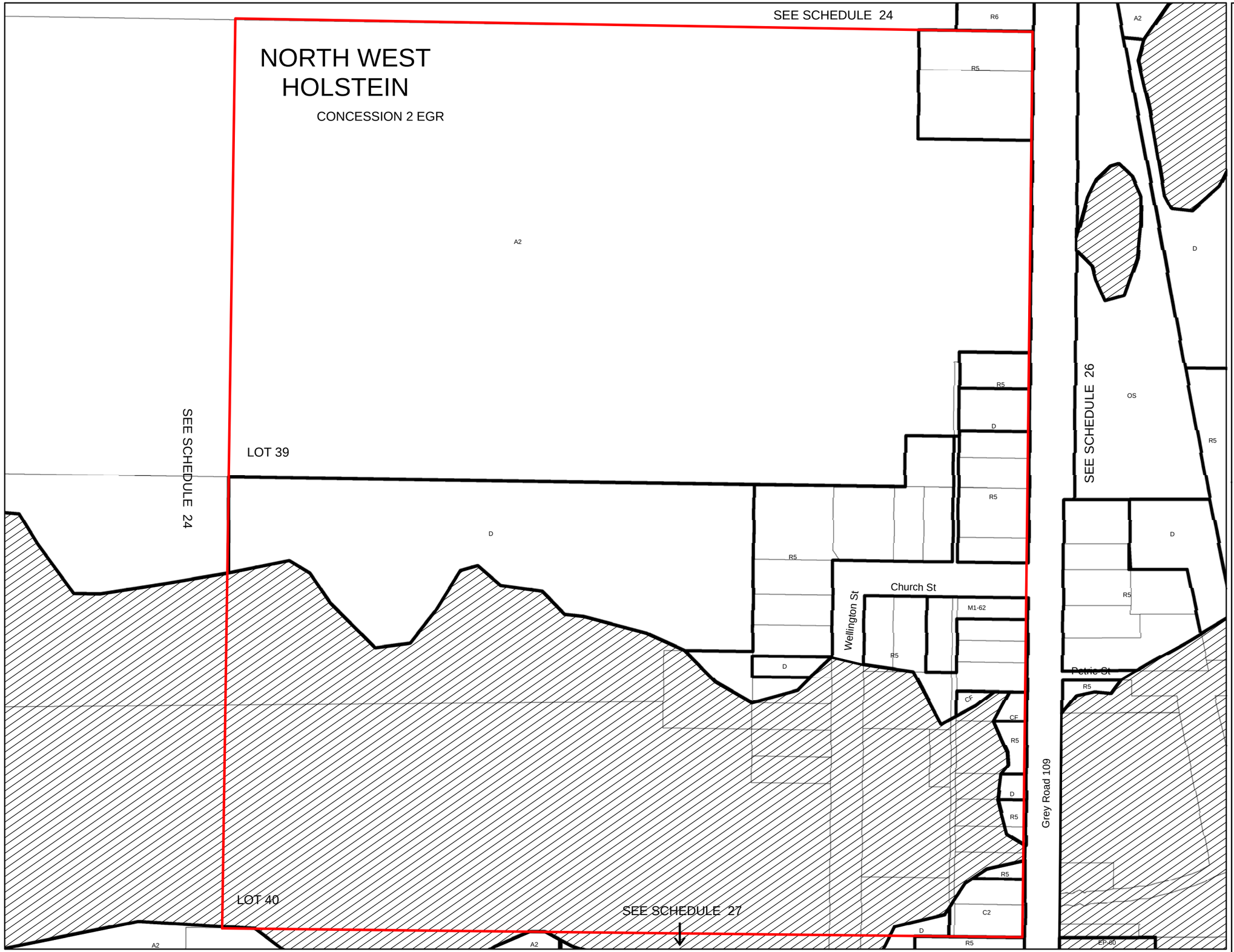
LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP



SCALE 1:15,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830



Township of Southgate
Zoning Bylaw
SCHEDULE 25

to By-Law Number _____

Passed this ___ of _____, 2009

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MAYOR

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CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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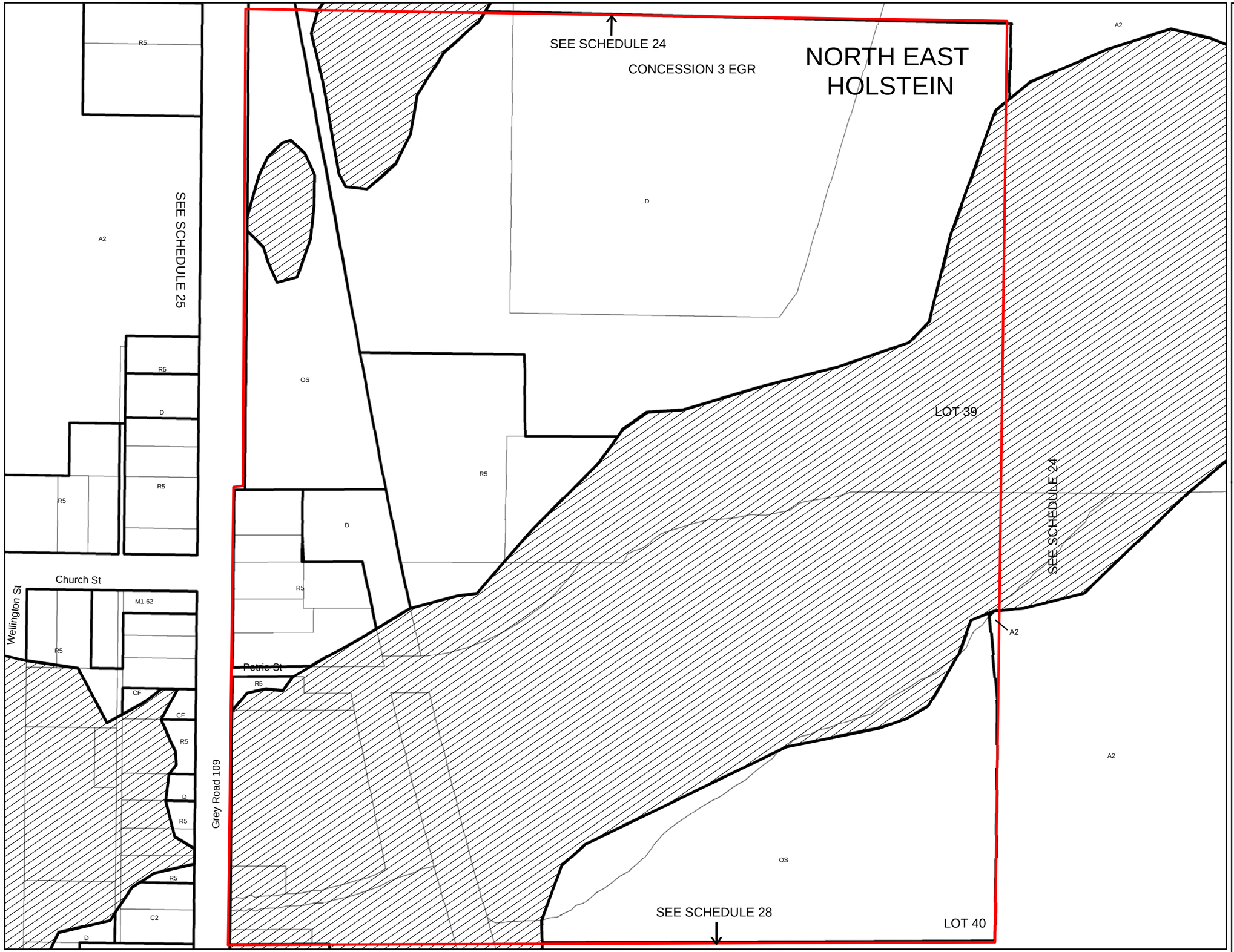
SCALE 1:2,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 26

to By-Law Number _____

Passed this ___ of _____, 2009

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MAYOR

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CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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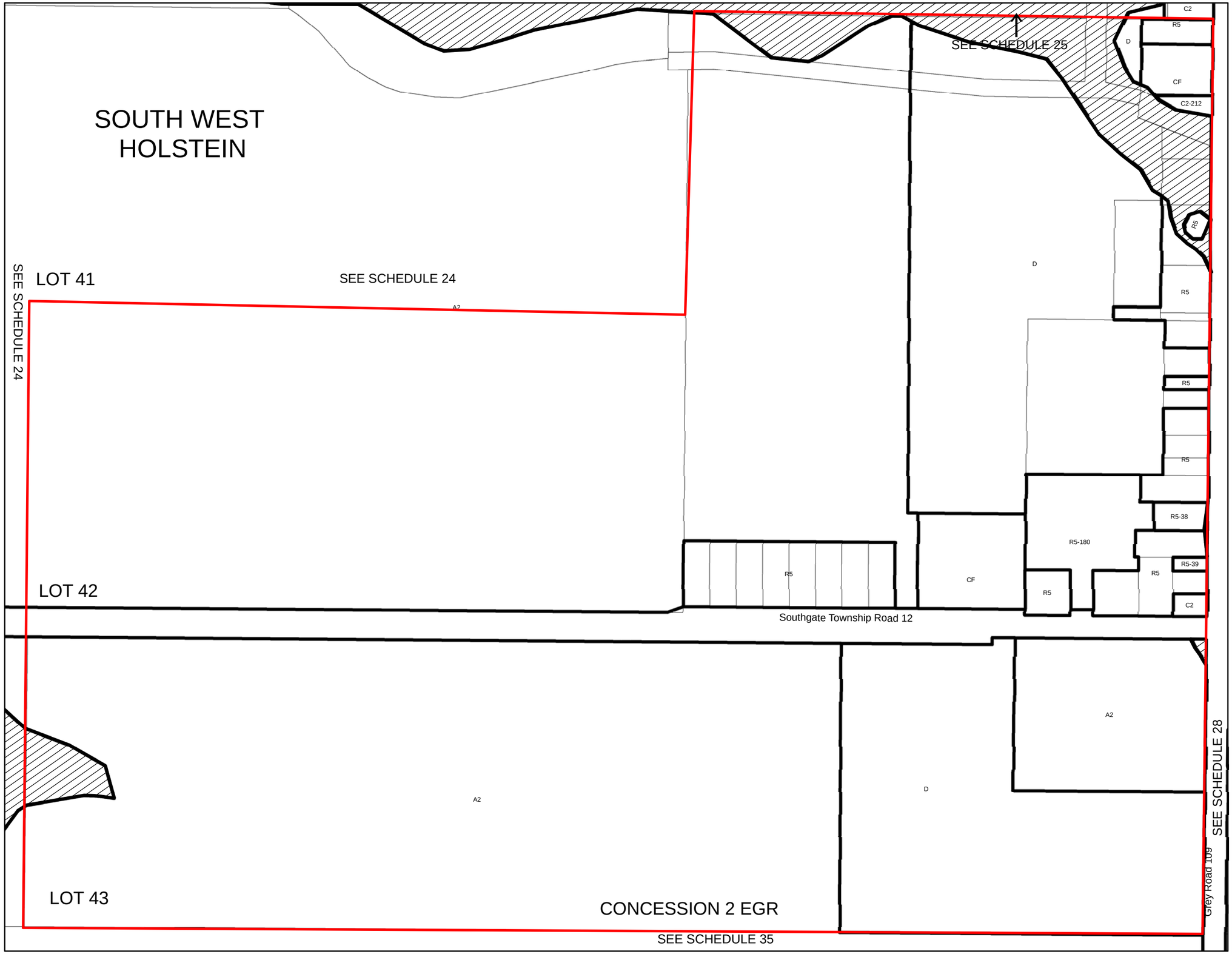
SCALE 1:2,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 27
to By-Law Number _____
Passed this ___ of _____, 2009

_____
MAYOR

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CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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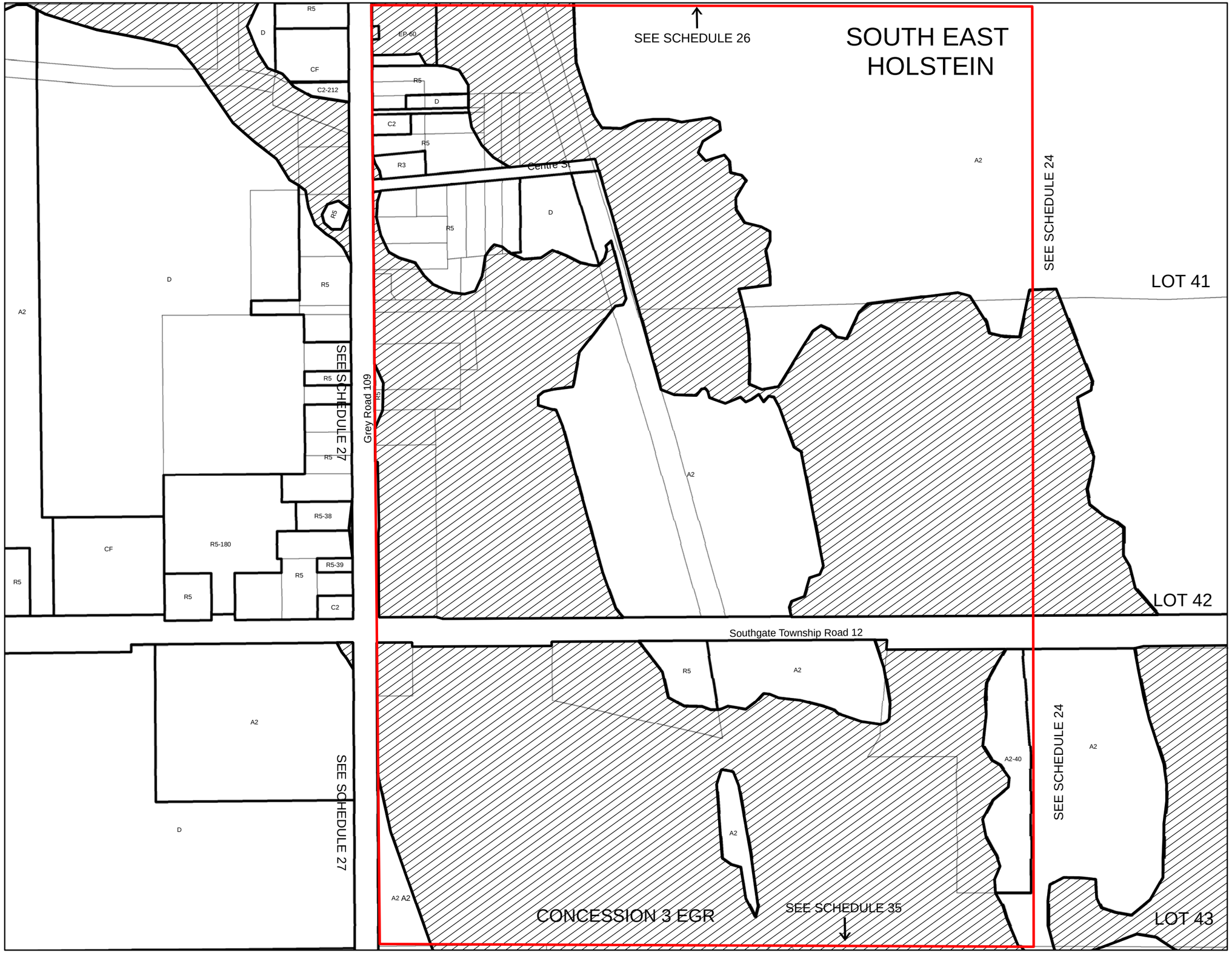
SCALE 1:3,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate Zoning Bylaw

SCHEDULE 28

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

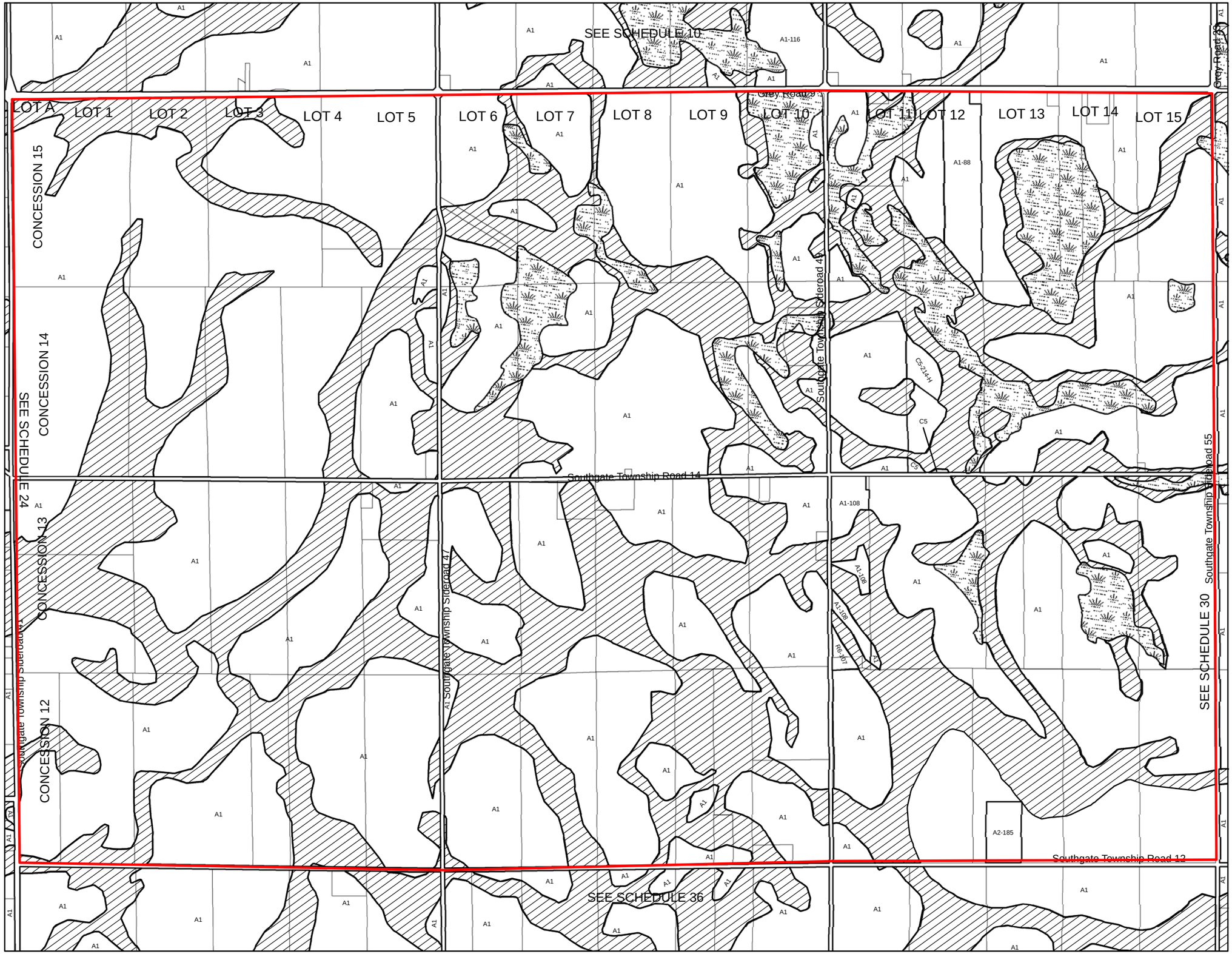
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:3,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate Zoning Bylaw

SCHEDULE 29

to By-Law Number _____

Passed this ___ of _____, 2009

_____

MAYOR

_____

CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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SCALE 1:19,000

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243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

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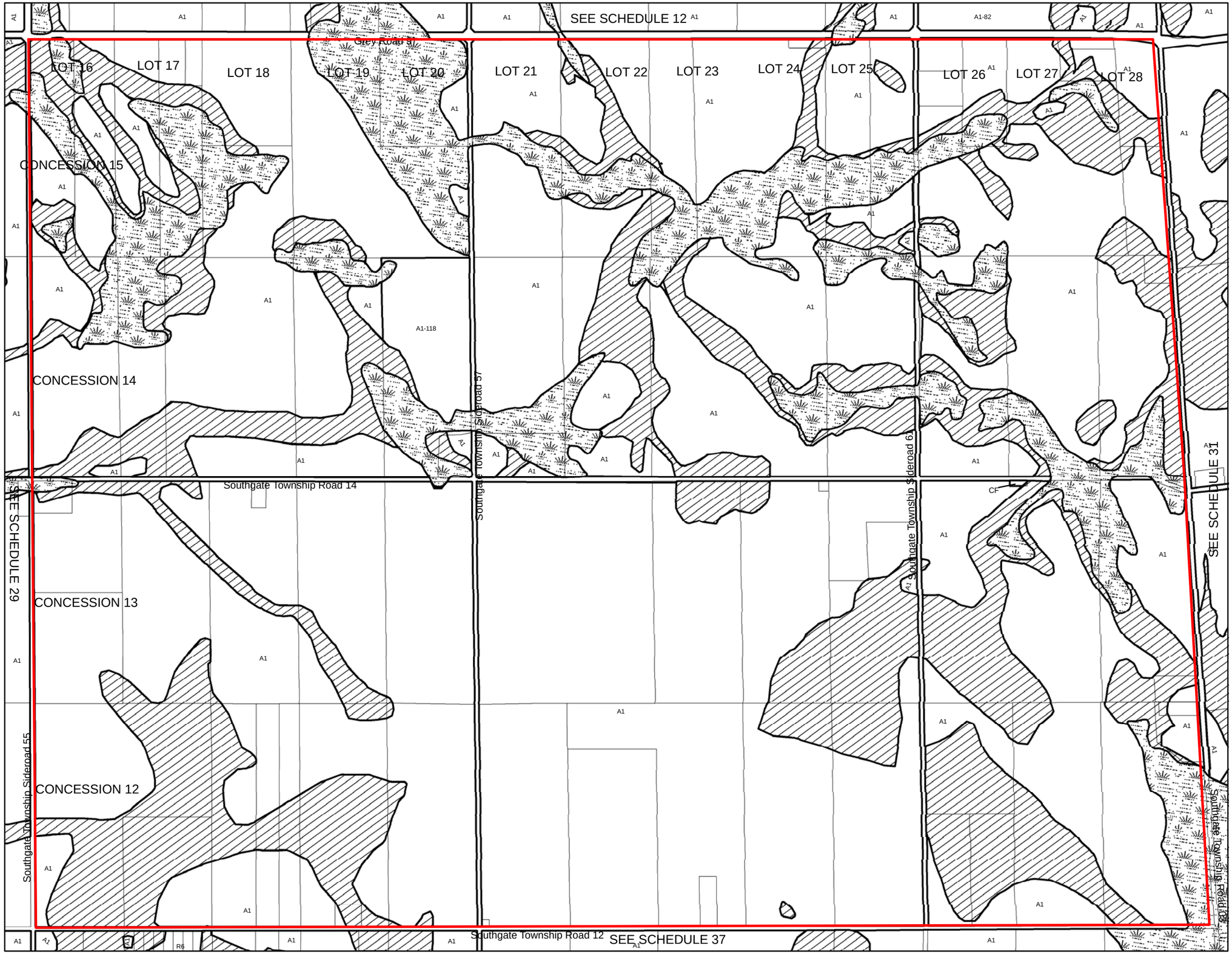

Township of Southgate
Zoning Bylaw
SCHEDULE 30

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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W E
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SCALE 1:17,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

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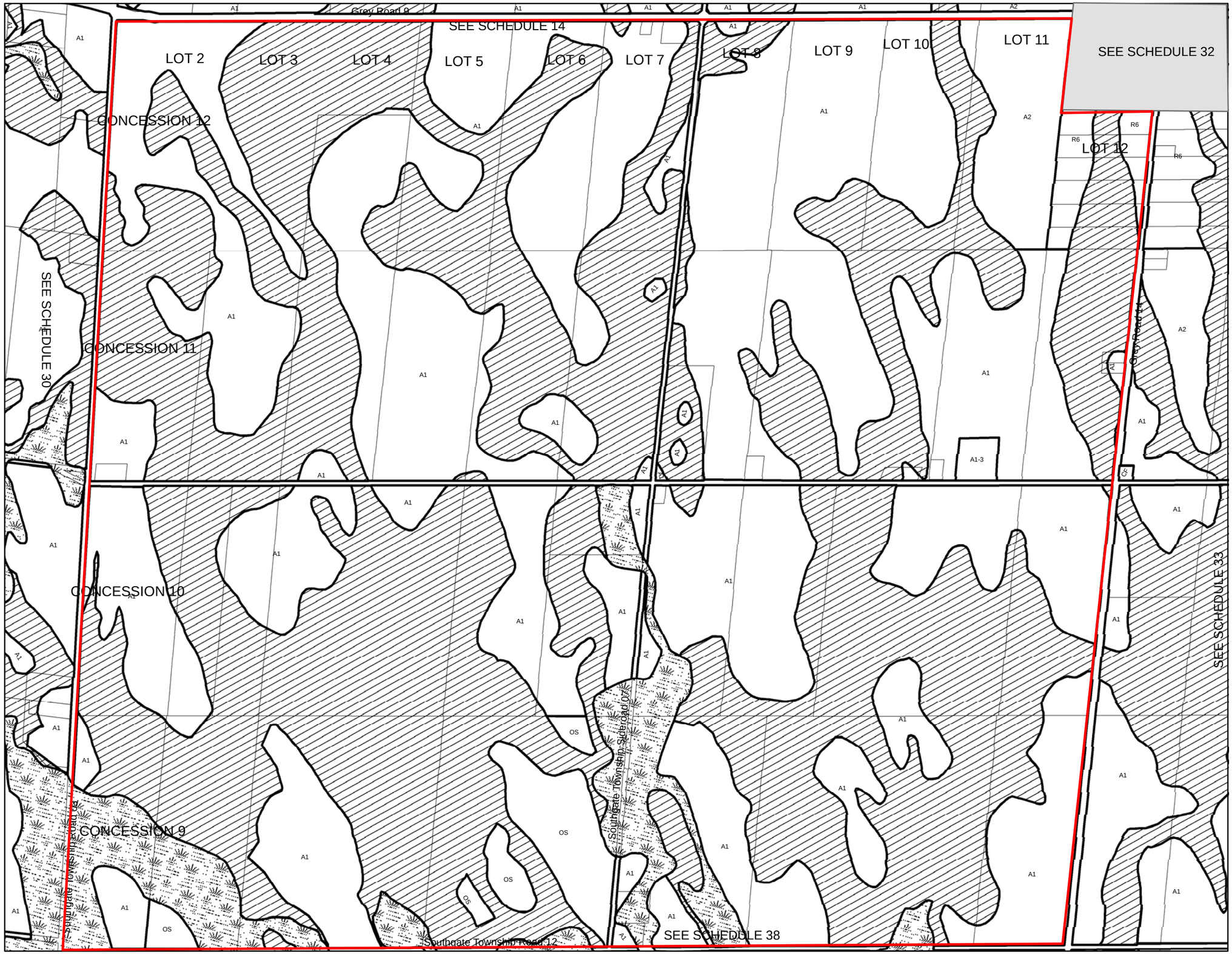


Township of Southgate
Zoning Bylaw
SCHEDULE 31

to By-Law Number _____

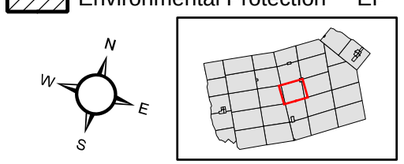
Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP



SCALE 1:16,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

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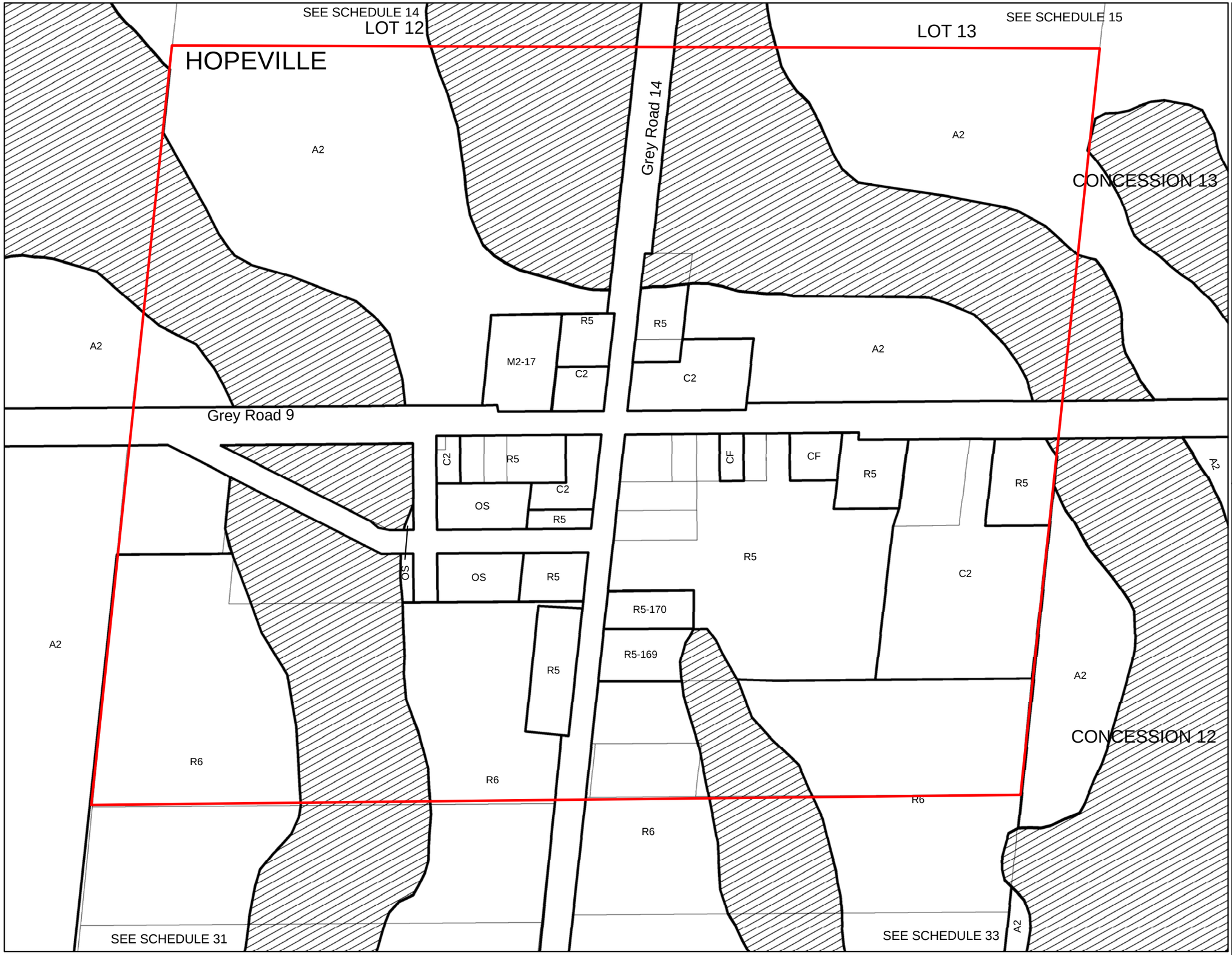

Township of Southgate
Zoning Bylaw
SCHEDULE 32

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:3,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

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Township of Southgate Zoning Bylaw

SCHEDULE 33

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

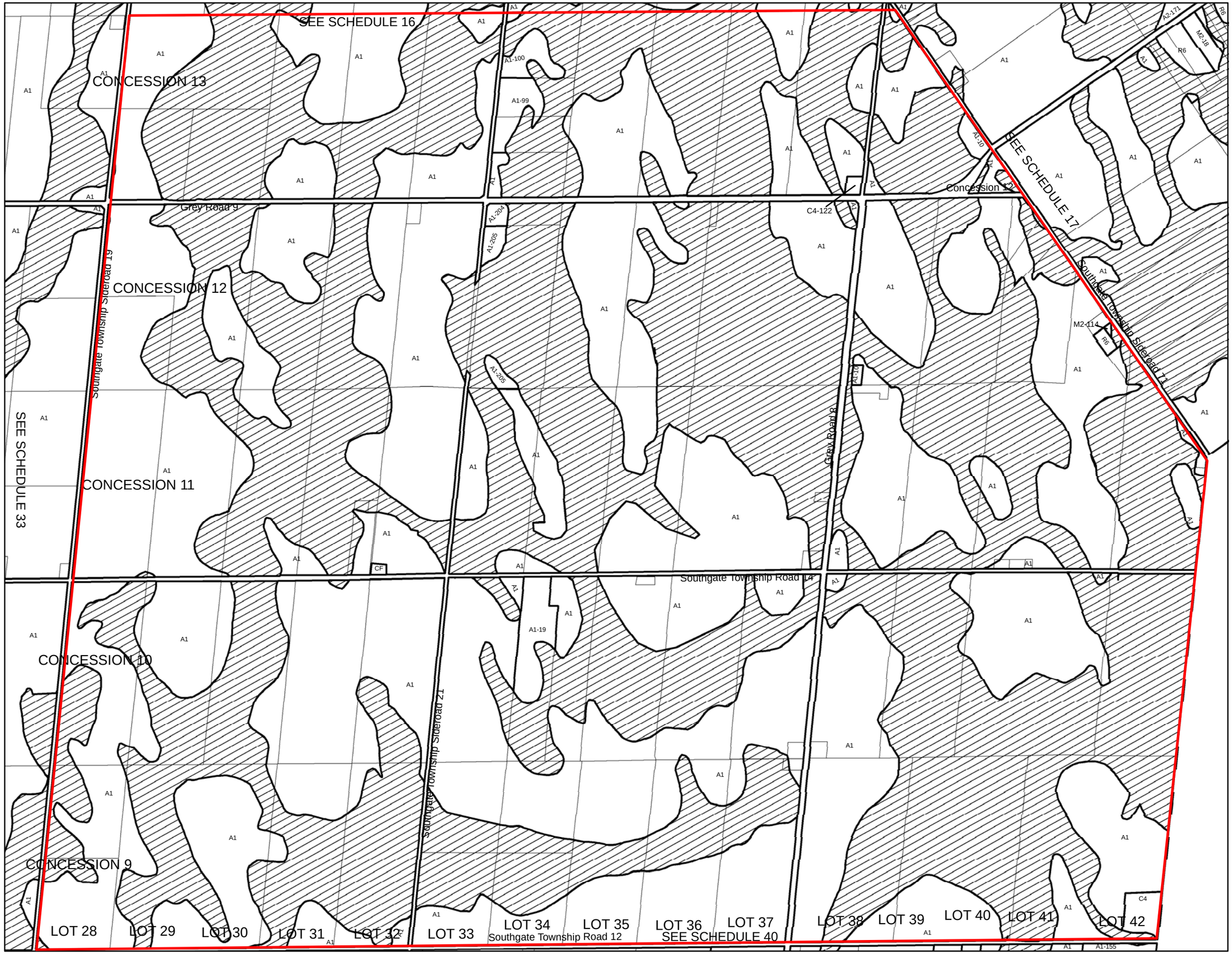
LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:20,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830



Township of Southgate
Zoning Bylaw
SCHEDULE 34

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

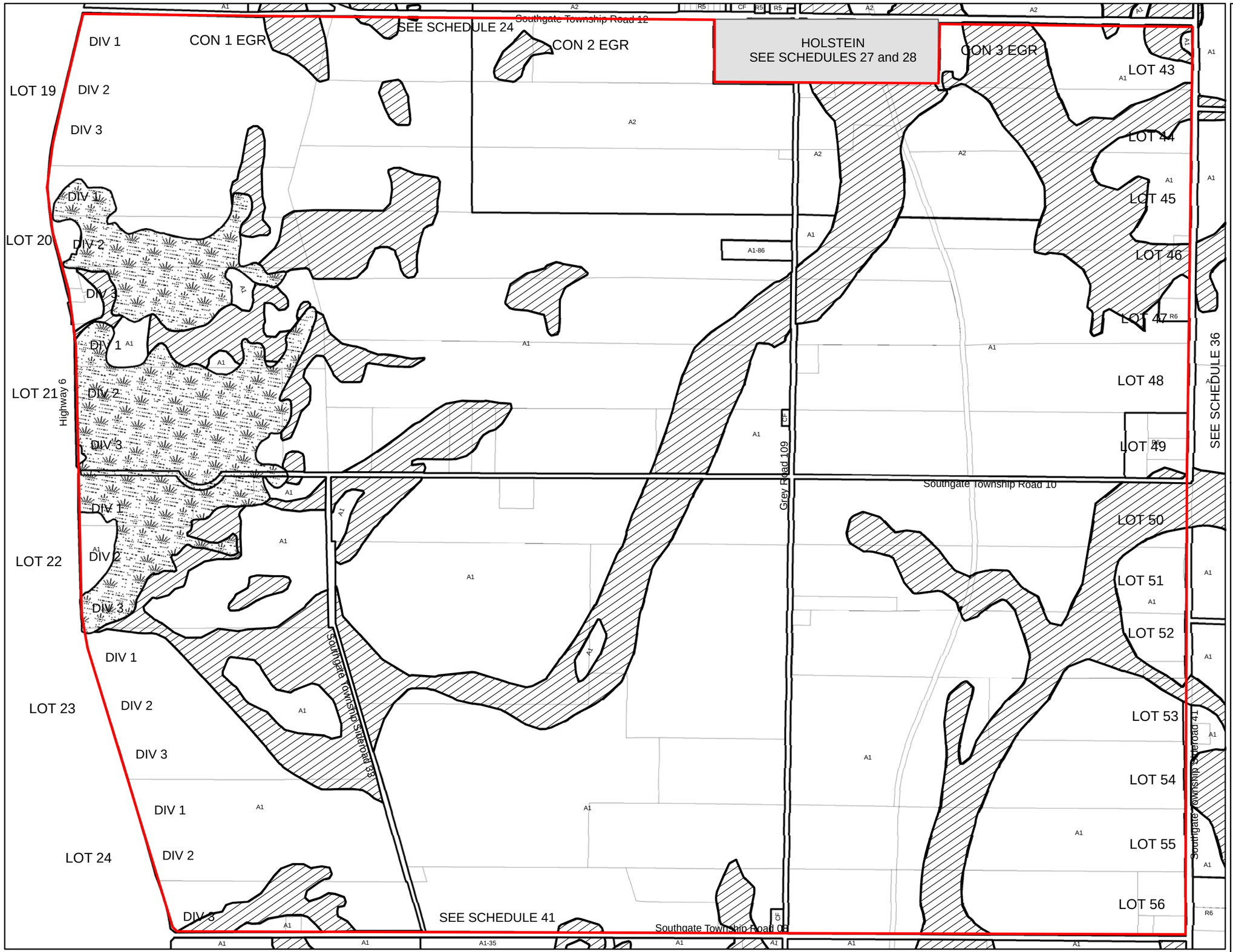
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:20,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Grand River Conservation Authority's and the Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The GRCA or the SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the GRCA or the SVCA Regulation will apply.



Township of Southgate Zoning Bylaw

SCHEDULE 35

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

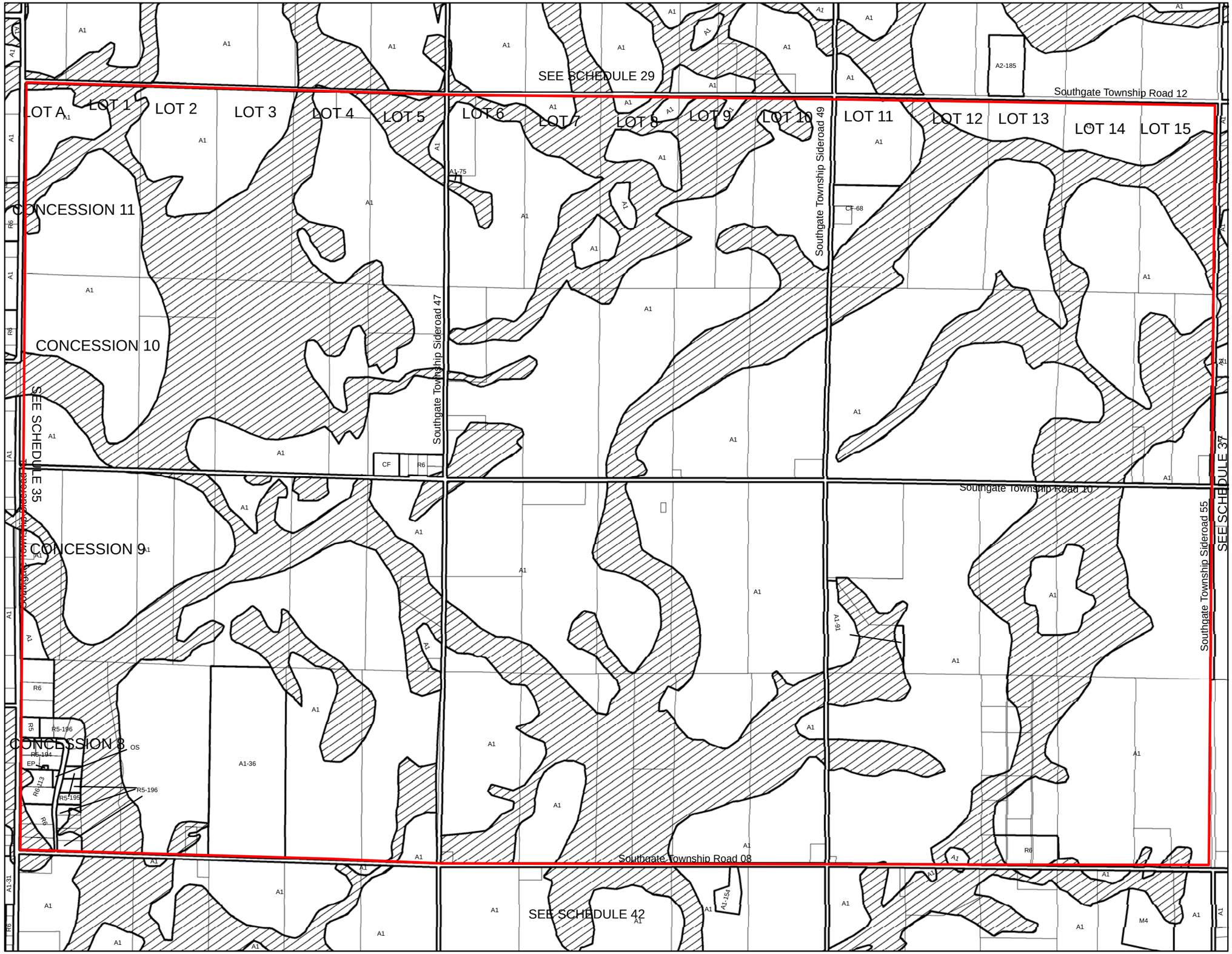
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:15,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate Zoning Bylaw

SCHEDULE 36

to By-Law Number _____

Passed this ___ of _____, 2009

_____

MAYOR

_____

CLERK

LEGEND

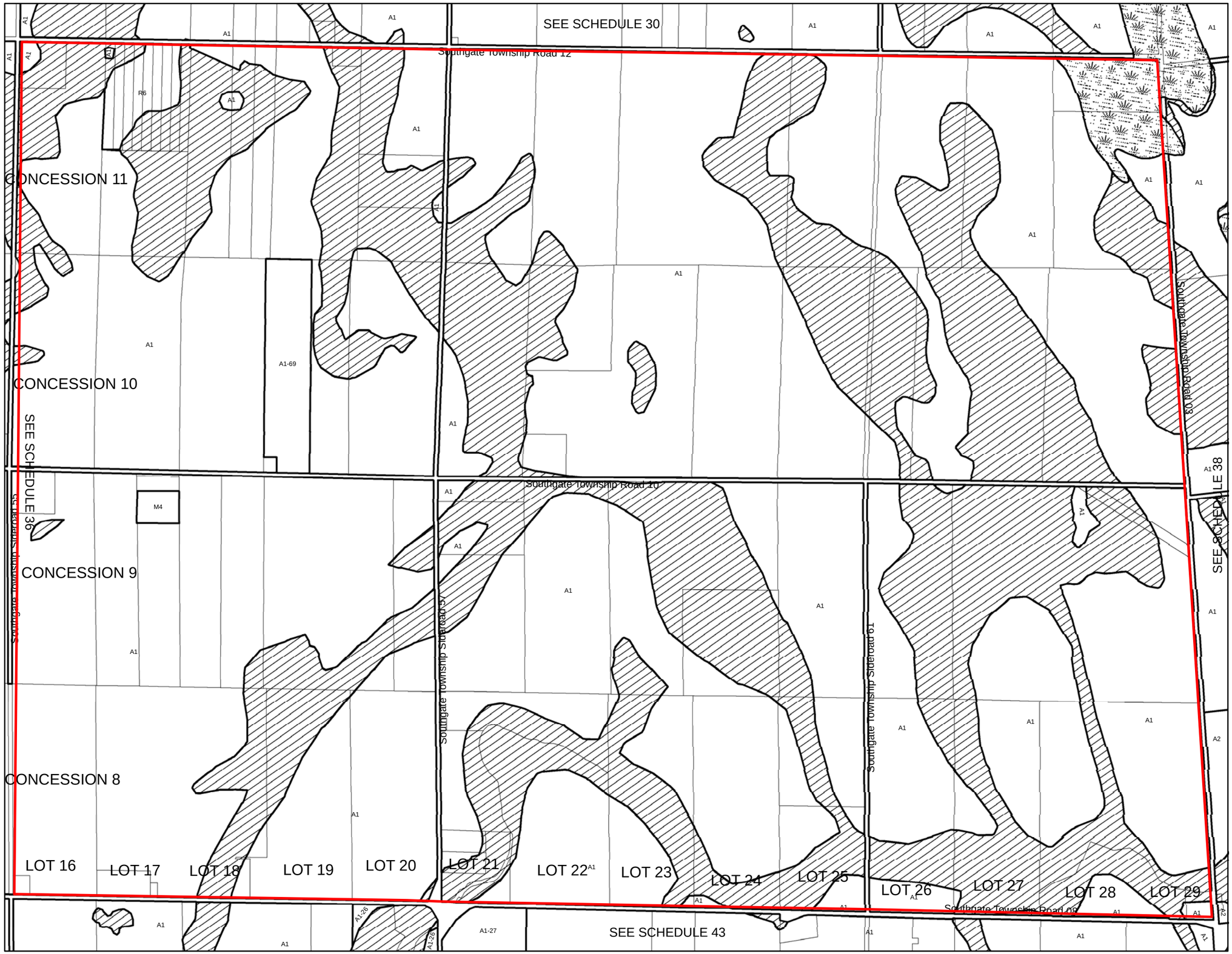
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:19,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 37

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:17,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.

Township of Southgate
Zoning Bylaw
SCHEDULE 38

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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SCALE 1:16,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.

Township of Southgate
Zoning Bylaw
SCHEDULE 39

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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SCALE 1:20,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.

Township of Southgate Zoning Bylaw

SCHEDULE 40

to By-Law Number _____

Passed this ___ of _____, 2009

_____

MAYOR

_____

CLERK

LEGEND

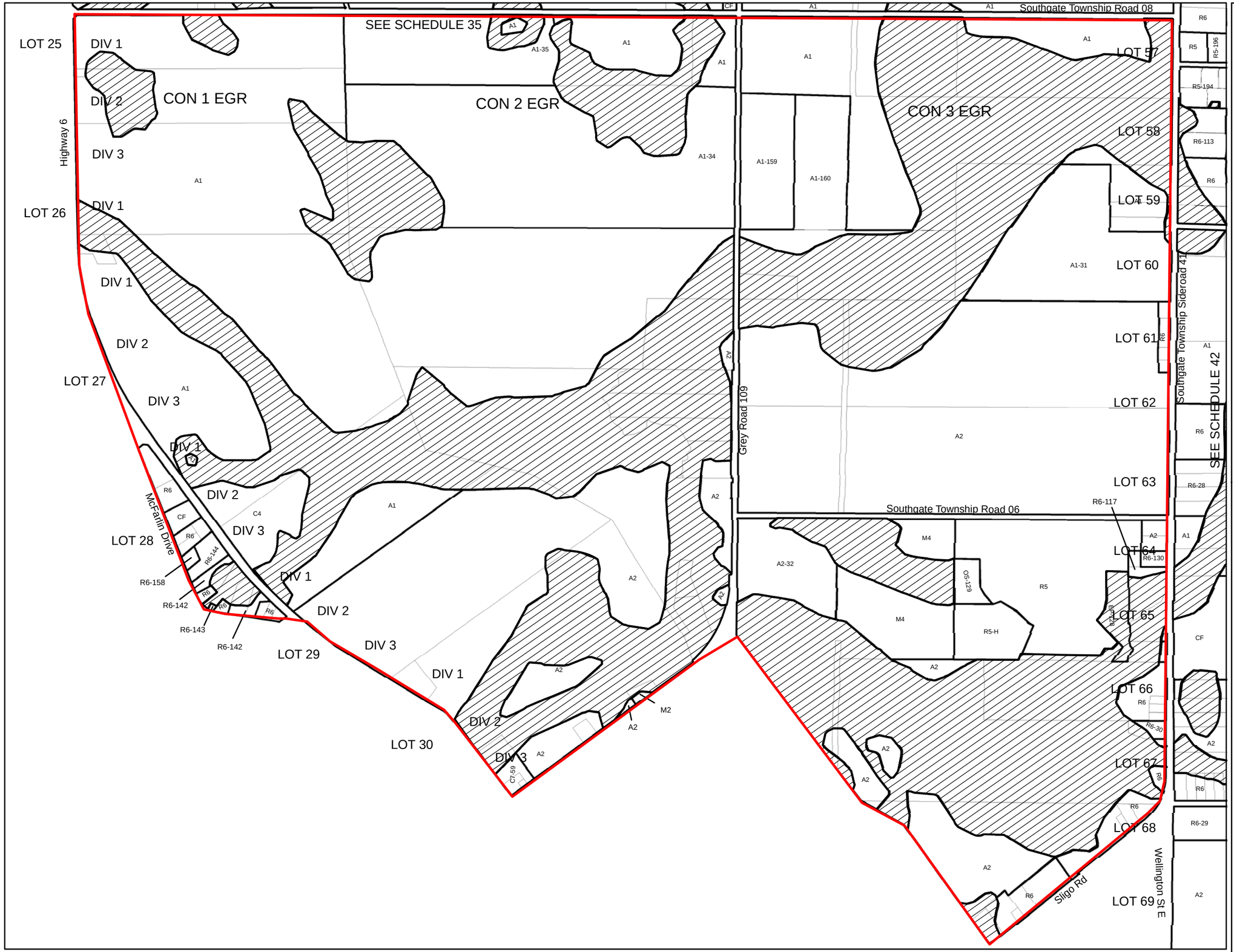
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:20,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Grand River Conservation Authority's and the Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The GRCA or the SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the GRCA or the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 41

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

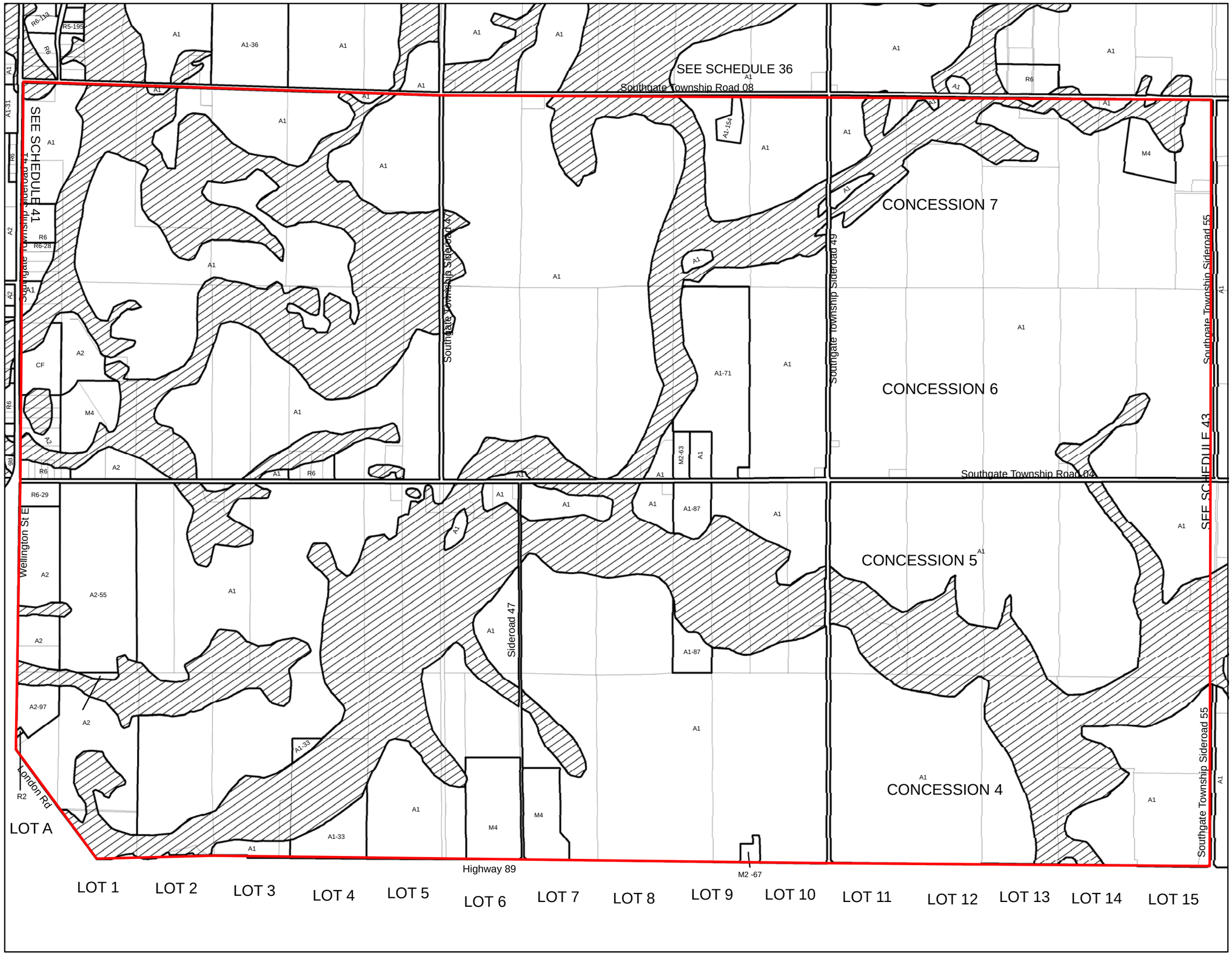
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:13,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 42

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

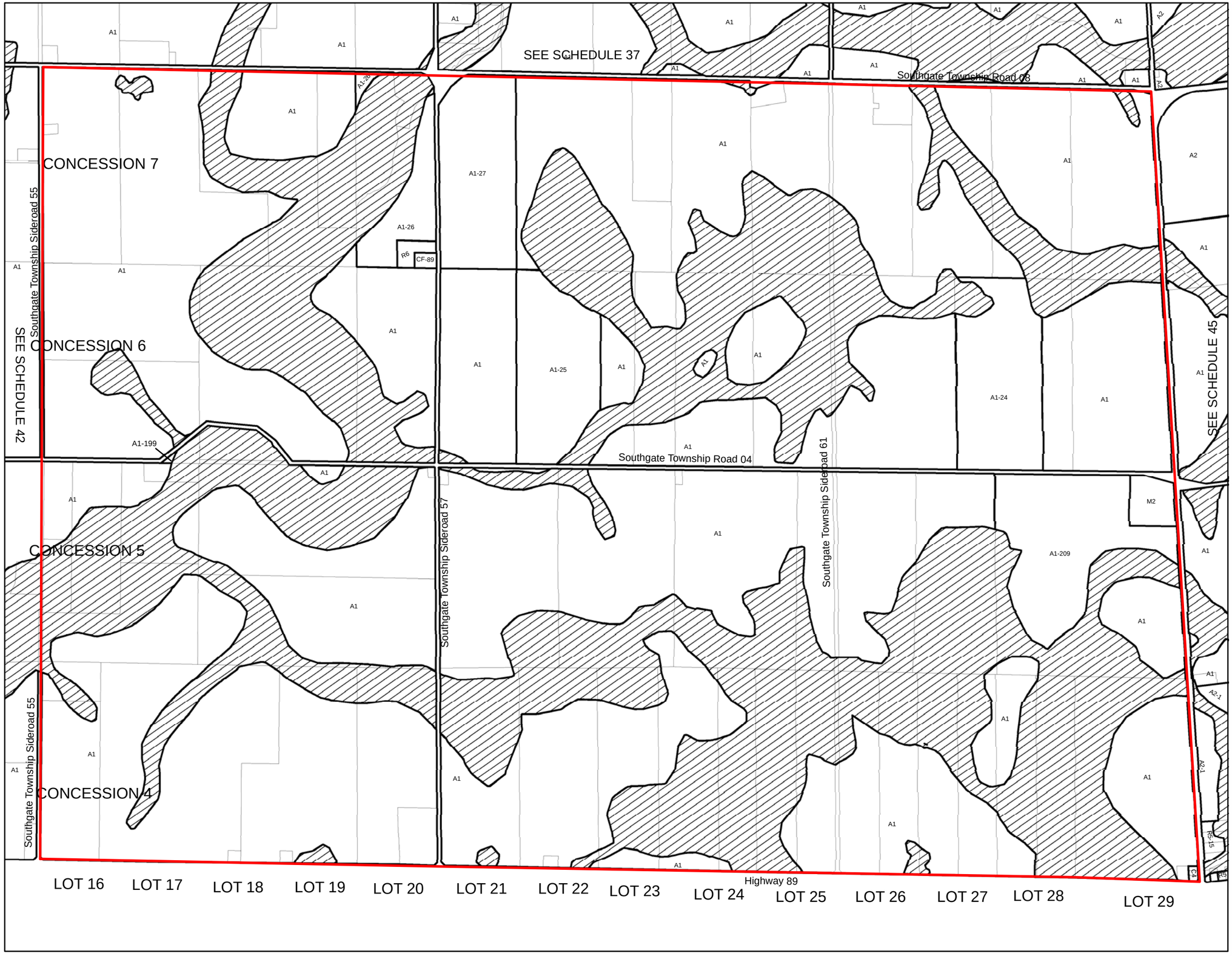
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:19,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 43

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

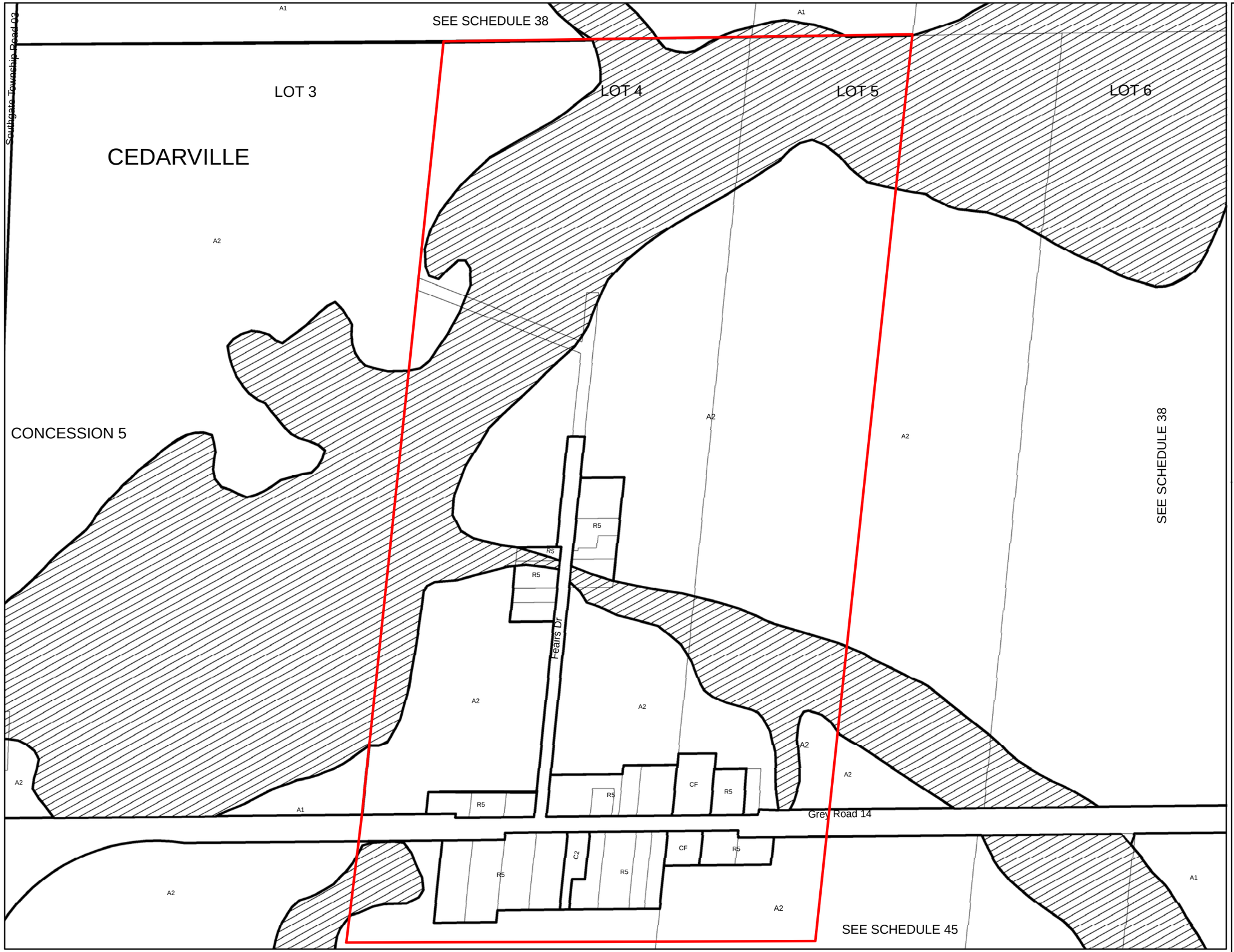
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:19,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 44

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

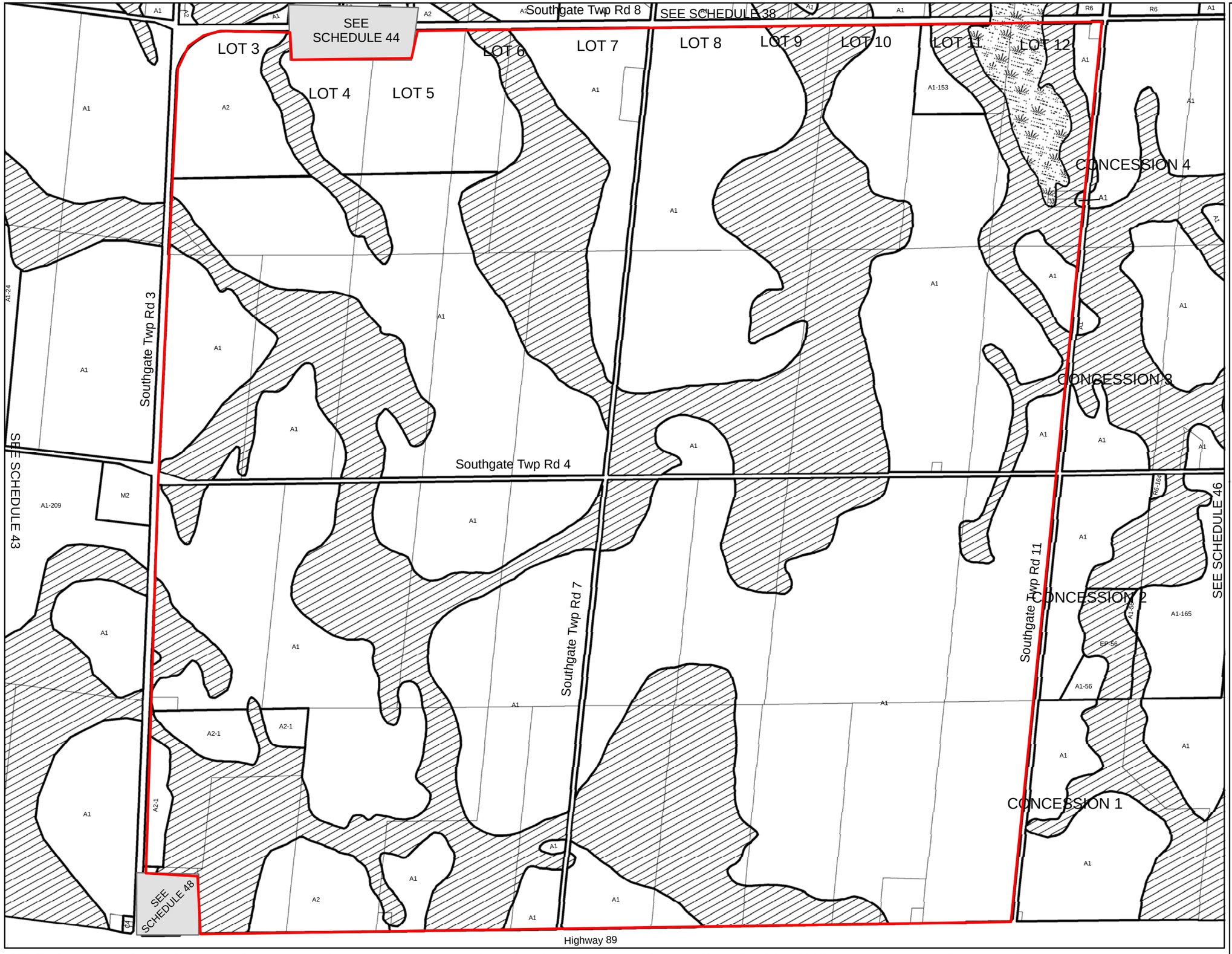
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:5,000

D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 45

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

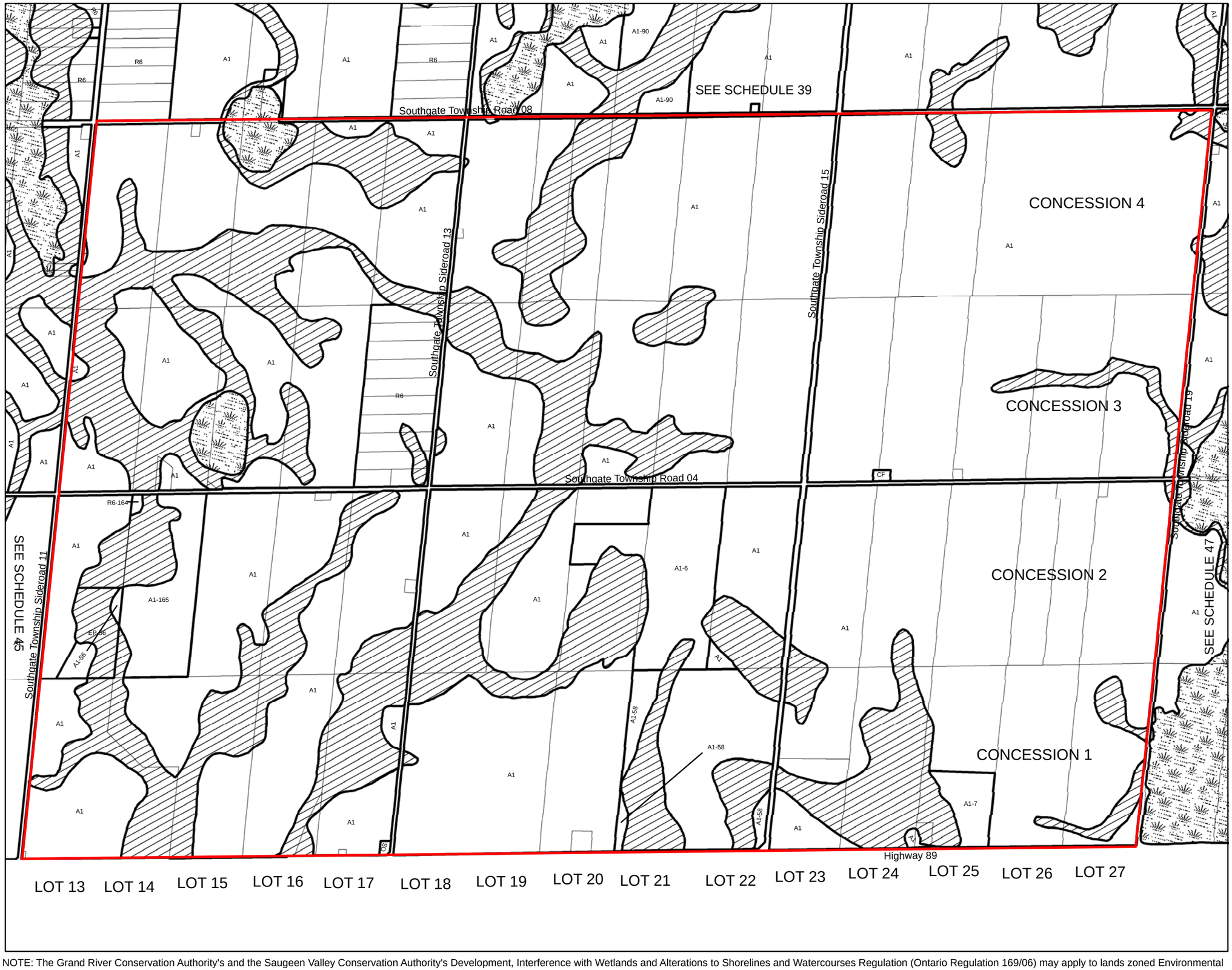
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:16,000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 46

to By-Law Number _____

Passed this ___ of _____, 2009

_____
MAYOR

_____
CLERK

LEGEND

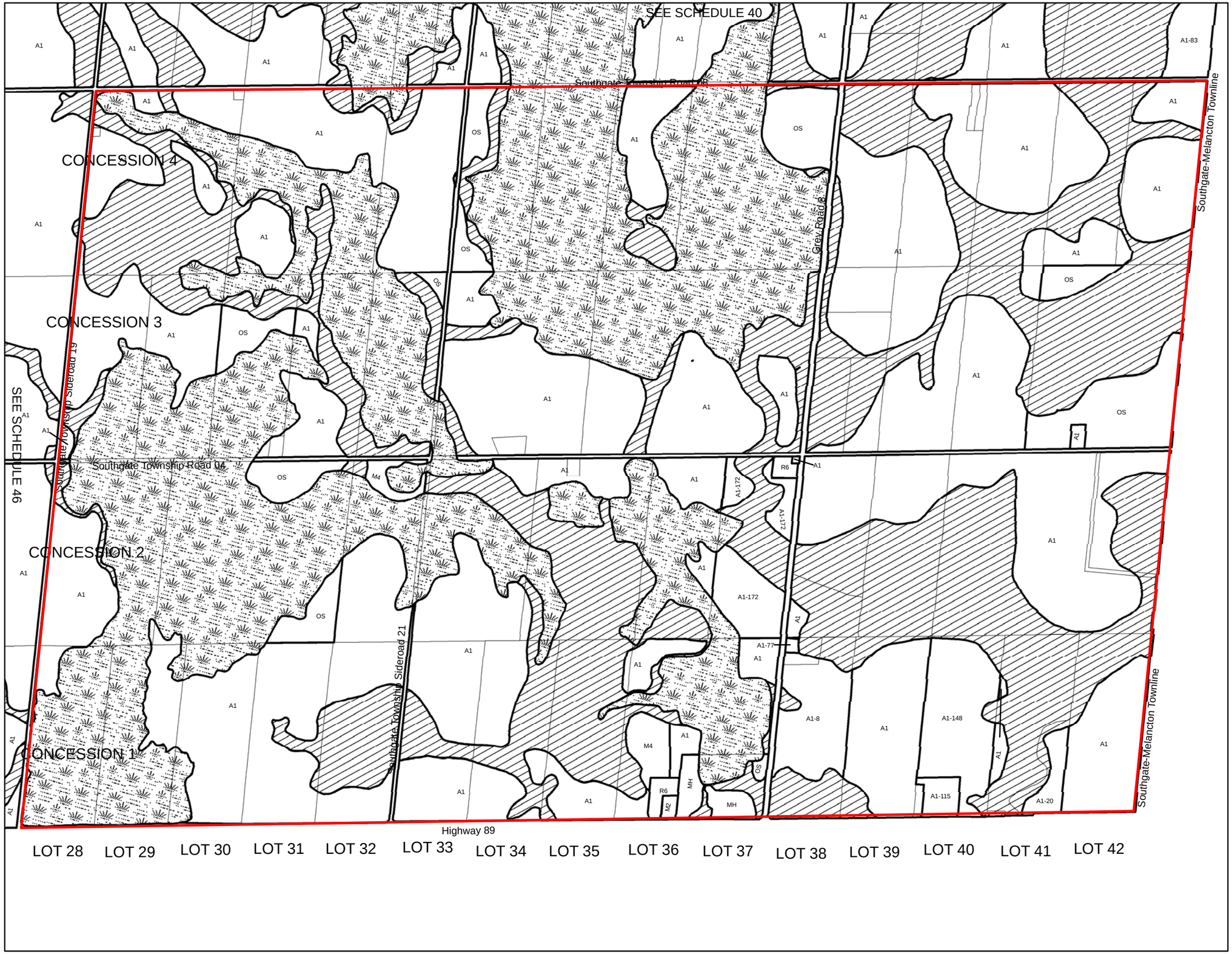
ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

N W E S

SCALE 1:20000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Grand River Conservation Authority's and the Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The GRCA or the SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the GRCA or the SVCA Regulation will apply.



Township of Southgate
Zoning Bylaw
SCHEDULE 47

to By-Law Number _____

Passed this ___ of _____, 2009

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MAYOR

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CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP

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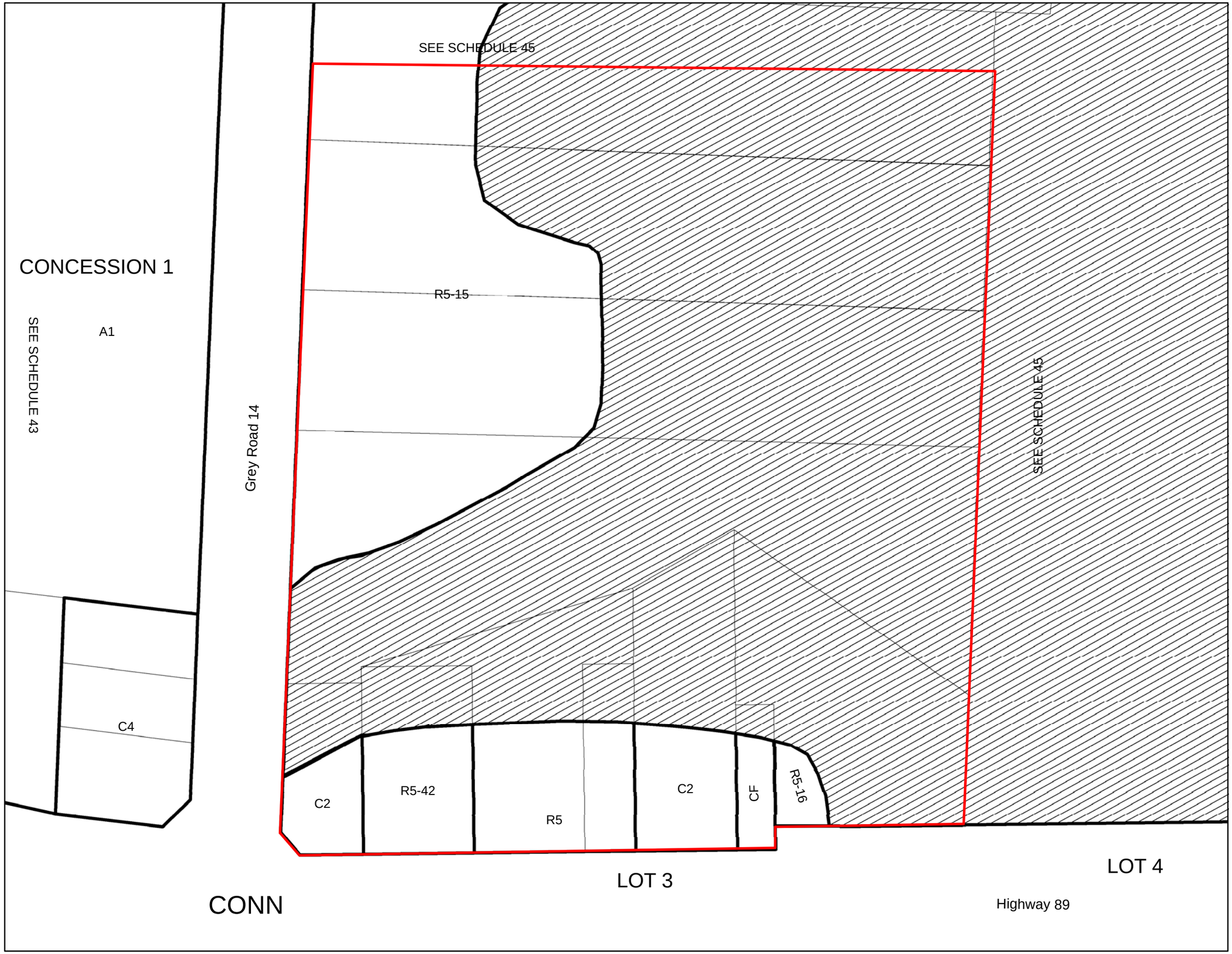
SCALE 1:20000

DCS D.C. Slade Consultants INC.
Planning & Development
243 HURONTARIO STREET, COLLINGWOOD, ON
705.444.1830

NOTE: The Grand River Conservation Authority's and the Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The GRCA or the SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the GRCA or the SVCA Regulation will apply.



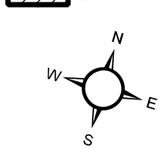
Township of Southgate
Zoning Bylaw
SCHEDULE 48
to By-Law Number _____
Passed this ___ of _____, 2009

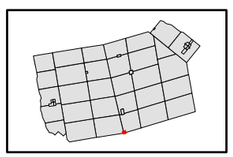
_____
MAYOR

_____
CLERK

LEGEND

ZONE	SYMBOL
Agricultural	A1
Restricted Agricultural	A2
Residential Type 1	R1
Residential Type 2	R2
Residential Type 3	R3
Residential Type 4	R4
Residential Type 5	R5
Residential Type 6	R6
Mobile Home Park	MH
Local Commercial	C1
General Commercial	C2
Highway Commercial	C3
Rural Commercial	C4
Recreational Commercial	C5
Campground Commercial	C6
Space Extensive Commercial	C7
General Industrial	M1
Rural Industrial	M2
Space Extensive Industrial	M3
Extractive Industrial	M4
Community Facility	CF
Public Utility	PU
Open Space	OS
Deferred Development	D
Wetland Protection	W
Environmental Protection	EP





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NOTE: The Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06) may apply to lands zoned Environmental Protection or Wetland or within 50 meters of EP Zone or 120 meters of W Zone. The SVCA should be contacted prior to the commencement of any works or development within the lands described in this Note to determine the areas to which the SVCA Regulation will apply.