

MnDOT Slope Vulnerability Assessments Phase 2

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Project Summary Report Final Report 2019-28

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16. Abstract (Limit: 250 words)

This project, Phase 2 Slope Vulnerability Assessments, is a continuation of the Phase 1 project previously conducted by WSB and MnDOT to determine the risk of slope failure along state highways. The Phase 2 study area includes 32 counties located in districts 4, 6, 7, 8, and Metro. This reports outlines the methods and results of this project including the new landforms, geomorphic processes, and causative factors influencing slope failures in this part of the state. The three main components of the model are the same 1) identify past slope failures, 2) model the causative factors of past slope failures and how they vary locally, and 3) model the risk of new slope failures. Vulnerability factors, failure types, and model results reflect the geomorphology of this region. Vulnerability factors for the new study area include slope, terrain curvature, incision potential, and local relief. Field verification results validate the model's capability of identifying risk in regions with different geology, geomorphology, and hydrology including ravines and bluffs located along the Minnesota River Valley. Model results are ranked into four proposed risk management categories: action recommended, further evaluation, monitoring, and no action recommended. Risk incorporates the model outputs with consequence to infrastructure including distance to roads and populated areas. The risk estimation process for this phase is considered preliminary; further consideration of risk tolerance and consequence definitions should be conducted. Preliminary risk results indicate that 858 management areas, or 0.7% of the total area, would be recommended for mitigation under the proposed risk matrix. Next steps include field visits and a site-specific mitigation program. The results of this study are intended as the first step of actions required in minimizing the effects of slope failure including expensive mitigation and maintenance repairs and threats to public safety.

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EXECUTIVE SUMMARY

Introduction

Geohazards are environmental risks to infrastructure. Unstable slopes, floods, excessive precipitation, karst, and seismic are examples of environmental risks that damage state transportation assets and cause injury or even loss of life. Geohazards are managed through the implementation of geohazard risk assessments that quantify risk factors and incorporate them into transportation asset management plans (TAMPs).

This project, Phase 2 Slope Vulnerability Assessments, is a continuation of the Phase 1 project previously completed by WSB and MnDOT to determine the risk of slope failure along state trunk highways. The results from Phase 1 objectively identify risk and prioritize areas recommended for management using a new geographic information systems (GIS) model that can be implemented anywhere in the state. This model was refined for the Phase 2 study area to reflect the geomorphology in this part of the state. The results of this study are intended to be the first step of actions required to minimize the effects of slope failure. These effects include infrastructure damage such as road and bridge collapse, cracks and uneven road surfaces, land movement below road surfaces, road blockage from fallen debris, threats to the public including injury and loss of life, and economic effects such as expensive mitigation actions.

Literature Review and GIS Model Design

WSB incorporates a combination of geomorphology and GIS to identify the risk of slope failures along state trunk highways. This combination provides a powerful approach that identifies and statistically tests the specific causes of slope failures with minimal data input, while covering more ground than previous research methods.

Geomorphology

Much of the Phase 2 study area is within the Minnesota River Watershed. Each major watershed in Minnesota has a different geomorphic history and therefore different vulnerability factors that contribute to slope failures. The Minnesota River Watershed has a unique geomorphic history where a series of catastrophic floods occurring over 11,500 years ago continues to affect the risk of slope failures today. Compared to valleys in other parts of the state, the Minnesota River was eroded relatively quickly during the onset of catastrophic drainage of proglacial lakes. Proglacial lakes are lakes formed during the melting period of glaciations. Relatively large lakes formed on Minnesota's surface during this time but have since been drained, leaving behind weak glacial soils and landforms vulnerable to failure such as ravines and bluffs.

GIS Model

The purpose of Task 3 was to refine the model developed in Phase 1. Results from Phase 1 indicate that the most powerful slope failure models account for past slope failures. Therefore, WSB created a method for detecting past slope failures using geomorphology and elevation data. Geomorphology was

used to analyze terrain and landforms associated with slope failures; almost all slope failures have unique terrain in comparison to their surrounding environment. GIS and elevation data were used to highlight the areas that have geomorphic features resembling slope failures along state highways. These areas reveal thousands of slope failures including, slides, rockfalls, lake shores, river banks, and surface erosion.

The past slope failures model was applied to the study area to ensure that not only the same types of slope failures identified in Phase 1 were accounted for but also two additional ones — ravines and bluffs. Results from Phase 2 indicated that the same types of slope failures identified in Phase 1 were accounted for as well as thousands of previously unrecorded ravines and bluffs. Unlike in Phase 1, most of these failures were slides and ravines opposed to rockfalls occurring along steep bedrock outcrops predominately found in the southeastern part of the state.

Data on past slope failures were then incorporated into the second part of the model — model for causative factors. Slope failure models that incorporate data on potential causative factors provide for a much more powerful approach to identifying risk. WSB designed a GIS model that permits any vulnerability factor (potential causative factor) to be tested. This process was important in providing a non-bias study and results that were driven by data. Furthermore, this design recognized that slope angle was not always the best indication of slope failure in every region and that other factors could be at play. For the Phase 2 study area, WSB designed new datasets derived from elevation data and post-processed them—incision potential (ravines) and relief (bluffs). These datasets reflected the two new types of landforms predicted to be most important in causing slope failures.

The final step of the model — model for new slope failures — was revised using the new input parameters statistically tested for the new study area. These input parameters were tested as part of the sensitivity analysis described in the next section. Once the input parameters were determined, the model computed a logistic regression, similar to Phase 1, to identify the risk of slope failure for the entire study area (0.5-mile buffer from highway centerlines).

Sensitivity Analysis

Once the GIS model was designed, a series of tests, collectively called a sensitivity analysis, were conducted to determine how well the model performed. The sensitivity analysis for this study tested five important parameters: elevation data resolution, size of the study area, capability of identifying past slope failures, site selection, and capability of identifying causative factors. The results from the sensitivity revealed that:

- 10-meter elevation data resolution is most appropriate.
- A 0.5-mile buffer study area is sufficient.
- The geomorphic index model for identifying past failures can detect known failures and thousands of unrecorded ones.
- The most important factor in site selection is including locations from both failed and non-failed areas.

• Four vulnerability factors with the greatest statistical strength were selected as model input parameters (slope, terrain curvature, incision potential, and local relief).

Once the sensitivity analysis was complete, the model was scripted and executed for 32 counties in five districts: Big Stone and Swift (District 4); Dodge, Fillmore, Freeborn, Mower, Olmsted, Rice, and Steele (District 6); Brown, Cottonwood, Faribault, Jackson, Martin, Nobles, Sibley, Rock, Waseca, and Watonwan (District 7); Chippewa, Kandiyohi, Lac qui Parle, Lincoln, Lyon, McLeod, Meeker, Murray, Pipestone, Redwood, Renville, and Yellow Medicine (District 8); and Carver (Metro). Draft PDF maps of preliminary model results were completed for these 32 counties.

Field Verification

The objective of this task was to field verify the model developed in previous tasks. This task included a total of two site visits — one in District 7 and one in District 8. Site visit locations were chosen collaboratively by Technical Advisory Panel (TAP) committee members and WSB and reflected two important landforms for the new study area — ravines and bluffs/river banks. WSB and MnDOT visited the sites together to discuss model improvements, model strengths, and future work. The activities in this task served to validate the model and indicated it performs well for identifying different types of slope failures in regions with different geology, geomorphology, and hydrology.

Risk Estimation

Risk estimation involves two main components: the likelihood of failure (estimated from the model) and the consequence to infrastructure (e.g., densely populated areas and proximity to road centerlines). Risk is the product of these components and can be calculated using a risk matrix. To be most effective, risk matrices must have robust probability and consequence definitions. The outcome of risk matrices is defined levels of management. The matrix in this study has four proposed categories of risk management:

- 1. Site visit/action recommended
- 2. Further evaluation*
- 3. Monitoring*
- 4. No further action recommended*

Risk ranking was conducted at the "management area" level for this study. A management area is defined as local regions consisting of one or more slopes with similar geomorphic, geologic, or hydrologic settings. Proposed management areas were delineated in GIS and then ranked using the risk matrix. Delineation took place at a scale that balanced efficiency and accuracy. The results from the risk ranking determine:

- Action Recommended*: 858 areas (0.7% of total study area)
- Further Evaluation*: 1120 areas (0.45%)
- Monitoring*: 1440 areas (9%)
- No Action*: the rest of the area of interest (89.95%)

NOTE: * Denotes preliminary terminology

Recommended Next Steps

The results of this study were intended to be the first step of actions required in minimizing the effects of slope failure including expensive mitigation actions and threats to public safety. In this study, the GIS model developed in Phase 1 was refined and implemented to identify slope vulnerability along state trunk highways for 32 additional counties. The model's capability of identifying slope vulnerability anywhere in the state with minimal data input was field verified. Final maps depicting slope vulnerability for 32 counties in five districts were produced and proposed management areas were ranked based on risk that can provide useful information for district, county, or city engineers, planners, project managers, and maintenance staff. Several steps should be taken to maximize the value and usefulness of the model:

- Field verification of the 858 sites with action is recommended.
- Incorporate the Risk Factors determined in this project into MnDOT's Transportation Asset Management Plans (TAMPs).
- Design and implement mitigation and monitoring programs including severe weather investigations.
- Model and produce results for other districts within the state.

CHAPTER 1: INTRODUCTION

This project, Phase 2 Slope Vulnerability Assessments, was a continuation of the Phase 1 project previously completed by WSB and MnDOT to determine the risk of slope failure along state trunk highways. In Phase 1, a new geographic information systems (GIS) model was developed that can be implemented anywhere in the state. This model was refined to reflect the geomorphology of the Phase 2 study area. The model identified risk and prioritized areas recommended for management for 32 additional counties. Through completion of this project, a total of 44 counties have been modeled across the southern half of the state.

This report outlines the methods and results of each task of this project and the recommended next steps. The results of this study are intended to be the first step of actions required in minimizing the effects of all types of slope failure including landslides and rockfalls. These effects include infrastructure damage such as road and bridge collapse, cracks and uneven road surfaces, land movement below road surfaces, road blockage from fallen debris, threats to the public including injury and loss of life, and economic effects such as expensive mitigation actions. Below are the following tasks discussed in this report:

- Task 2 Literature Review
- Task 3 GIS Model Design
- Task 4 Data Collection
- Task 5 Sensitivity Analysis
- Task 6 Draft PDF Maps and Risk Rankings
- Task 7 Field Verification
- Task 8 Final Report, Final Maps, GIS Model and Documentaion

1.1 PHASE 1 SUMMARY

Phase 1 was conducted in 2017-18. In this study, a new GIS model was designed and implemented to identify slope vulnerability along trunk highways (Appendix A; Figure 1). The model provides an innovative, objective, and systematic approach to further understand geohazard risk to the state's transportation infrastructure. The model's capability of identifying slope vulnerability anywhere in the state with minimal data input was field verified. Final maps depicting slope vulnerability were produced for 12 counties, and Management Areas were ranked based on risk that can provide useful information for district, county or city engineers, planners, project managers, and maintenance staff. The results will be incorporated into the state's Transportation Asset Management Plan (TAMP) where slopes are anticipated to be treated as assets.

CHAPTER 2: TASK 2 LITERATURE REVIEW

The main objective of the literature review was to understand how the model designed in Phase 1 needs to be revised for the new study area (Appendix A; Figure 2). Phase 1 methodologies, data requirements, and vulnerability factors were reviewed as well as documentation on historical landslides. The model designed in Phase 1 uses a combination of geomorphology and GIS. This combination provides a powerful approach that identifies and statistically tests the specific causes of slope failures with minimal data input. However, the geomorphology of Minnesota varies across the state, requiring that the model be redesigned to capture the most important vulnerability factors and expected failure types for each region.

2.1 GEOMORPHOLOGY

The natural processes that result in slope failures are understood through geomorphology, the science of landscape evolution and function. Geomorphology is a multidisciplinary science incorporating terrain attributes, geology, hydrology, soil science, and climate science. Geomorphology provides a specific framework for understanding why a slope failure is occurring in a given location. A geomorphic approach allows for a much more thorough risk assessment evaluation than a single disciplinary approach in that it accounts for the local variation of causative factors, how these factors change over time, and how they exacerbate one another.

The geomorphology of the Phase 2 study area is expected to form the basis of the model design. Therefore, review efforts began with understanding the geomorphology of this study area and how it compares to Phase 1. Review of the geomorphology provides valuable information for the vulnerable conditions, expected failure types, and new data requirements for the model.

2.1.1 Geomorphic History

Much of the Phase 2 study area is within the Minnesota River Watershed (Appendix A; Figure 3). Each major watershed in Minnesota has a different geomorphic history, and therefore different vulnerability factors that contribute to slope failures. The Minnesota River Watershed has a unique geomorphic history where a series of catastrophic floods occurring over 11,500 years ago continues to affect the risk of slope failures today. Compared to valleys in other parts of the state, the Minnesota River was eroded relatively quickly during the onset of catastrophic drainage of proglacial lakes. Proglacial lakes are lakes formed during the melting period of glaciations. Relatively large lakes formed on Minnesota's surface during this time but have since been drained, leaving behind weak glacial soils and landforms vulnerable to failure.

The catastrophic drainage of Glacial Lake Minnesota caused rapid base-level fall at the outlet of the Le Sueur River (Minnesota Pollution Control Agency, 2013). This base-level fall triggered up 70 meters of channel incision, headward migration of knickpoints (sharp changes in river bed gradients), and the

formation of ravines and bluffs that continue to erode today (Appendix A; Figures 4 and 5). This event caused geomorphic dis-equilibrium at a watershed scale, initiating channel incision, a natural adjustment process. The dis-equilibrium disrupted the channel's natural balance between sediment, water discharge, and slope. As a result, the channel has ever since been trying to readjust itself to a new equilibrium by altering its slope. The channel alters its slope by eroding the channel bed, propagating upstream, until the slope at a watershed scale is in equilibrium. This process, called incision, causes river elongation, a process in which the river extends its tributaries into new areas, forming rivers in places where they have not existed before. As a result, ravines and steep bluffs form and will continue to form. These landforms are precisely where several documented historical landslides have occurred in the region. Understanding this geomorphic history of these ravines and bluffs will not only provide valuable information for the types of failures to capture in Phase 2, but their causative factors as well, important information for model design and long-term slope management.

2.1.2 Vulnerable Conditions

The Phase 2 study area has environments or conditions that exacerbate the risk of slope failure along ravines and bluffs. These conditions include weak glacial soil, rainfall, flooding, and human activity (e.g. private landowner irrigation). Weak glacial soil consists of fine silt and clay deposited along the proglacial lake beds described in the previous section. Ravines and bluffs in the area are continuously eroding in several places, but the particle size and erodibility of these soils worsen this process. Increased rainfall and flooding in this area also exacerbate the erosion of these terrain features, triggering several of the documented landslides occurring in recent history. Private irrigation can further contribute to the problem by concentrating runoff and forming gullies, features formed during the early stages of ravine development.

Expected failure types include translational slides, rotational slides, and rockfalls based on review of the geomorphic history and vulnerable conditions of the study area. Translational slides are expected to occur on steep side slopes of ravines and road cuts. Rotational slides are expected to occur along channel banks and ravine side slopes, and rockfalls along bluff retreat and road cuts with bedrock outcrops. These three types of slope failures are similar to the main slope failures in Phase 1, however, the locations/ landforms and processes driving them are different. Different processes initiating slope failures requires new vulnerability factors to be assessed, and therefore new model inputs.

CHAPTER 3: TASK 3 MODEL DESIGN

The purpose of Task 3 was to refine the model developed in Phase 1. This section describes the three main components of the model and how each will be refined to apply to the Phase 2 study area. Specifically, this section will discuss the methods used to design the new datasets required for the model.

3.1 HISTORICAL SLOPE FAILURES MODEL

Results from Phase 1 indicated that the most powerful slope failure models account for past slope failures. Therefore, WSB created a method for detecting past slope failures using geomorphology and elevation data. Geomorphology was used to analyze terrain and landforms associated with slope failures; almost all slope failures have unique terrain in comparison to their surrounding environment. GIS and elevation data were used to highlight the areas that have geomorphic features resembling slope failures along the state highways. These areas reveal thousands of slope failures including, slides, rockfalls, lake shores, river banks, and surface erosion.

The past slope failures model was applied to the study area to ensure that not only the same types of slope failures identified in Phase 1 were accounted for, but 2 additional ones—ravines and bluffs. Results from Phase 2 indicated that the same types of slope failures identified in Phase 1 are accounted for as well as thousands of previously unrecorded ravines and bluffs. Unlike Phase 1, most of these failures were slides and ravines opposed to rockfalls occurring along steep bedrock outcrops predominately found in the southeastern part of the state.

3.1.1 Ravines

The historical failures modeled for Phase 2 primarily consisted of slides, river cut banks, and ravines. The GIS algorithm designed to identity past slope failures was altered slightly to accommodate for these new slope failure types that have larger surface areas. This project provides the first objective method for identifying hundreds to thousands of ravines at once. Verification of the model's ability to identify past slope failures will be conducted in Task 5 (Sensitivity Analysis), where these results will be checked with aerial photos, hillshade data, and historical known slope failures provided by previous studies.

3.2 CAUSATIVE FACTORS

Slope failures models that incorporate data on potential causative factors provide for a much more powerful approach to identifying risk. WSB designed a GIS model that permits any vulnerability factor (potential causative factor) to be tested. This process is important for providing a non-bias study and results that are driven by data. Furthermore, this design recognizes that slope angle is not always the best indication of slope failure in every region and that other factors may be at play.

WSB's model not only permits for any factor to be tested but is designed to incorporate how these factors vary locally. This design recognizes that a factor likely contributing to slope failure in one part of the state may not necessarily contribute to slope failures in another part. WSB's model for causative factors allows for multiple causative factors to be included in the model at once, and for each one to weigh appropriately according to its likely influence in causing slope failures in a particular area.

In Phase 1, causative factors were modeled by a geostatistical process called Geographic Weighted Regression (GWR). This method efficiently reduced the number of vulnerability factors from 12 variables down to four for the entire Phase 1 study area through a process of elimination, where each one was eliminated based on statistical strength.

GWR works by comparing a dependent variable with independent variables. In our study, the dependent variable is the past slope failures results from Part 1, and the independent variables are the causative factors. Specifically, GWR works by determining the relationships that dependent and independent variables have with one another. If there is no relationship between terrain curvature and likely locations of past slope failures for example, then it is probable that terrain curvature is not the most important parameter influencing slope failures for that specific area. GWR is tested through trial and error, running through the process multiple times until the best results are produced (highest statistical strength). This process will be executed in Task 5 (Sensitivity Analysis).

For the Phase 2 study area, WSB anticipates that some of the vulnerability factors passed through GWR will be different than those in Phase 1. Therefore, WSB designed new datasets derived from elevation data and post-processed them to be run through GWR. Two new datasets were designed—incision potential (ravines) and relief (bluffs) — to model for the two new types of landforms predicted to be most important in causing slope failures.

3.2.1 Incision Potential

Incision potential in this project is defined as an area where slopes are likely to increase over time through erosion. Slope angle is a separate dataset, that captures the current steepness of a slope, but incision potential highlights areas where slopes are likely to change. This dataset is a derivative of elevation data. Incision potential was designed in this Task to not only capture an important geomorphic phenomenon indicative of the new study area, but to provide no overlap with other potential vulnerability factors driven by erosion such as bluffs and river banks.

Incision potential was designed to model for ravines. As described above in the literature review, ravines are eroded landforms that result from river disturbance, initiated when rivers extend their networks from low-lying valleys into uplands. Several documented historical landslides in the Phase 2 study area are a result of when these ravines become too steep. Ravines are continuously eroding forming steep side slopes and steep head walls leading to landslides that intersect state trunk highways. This newly designed dataset will identify these areas likely to become steeper over time.

3.2.2 Relief

Relief in this project is defined as the range of elevation, or slope height. This dataset was designed to model for bluffs. Bluffs in this new study area are expected to be different from the bedrock outcrop proximity dataset used in Phase 1. Bedrock outcrops predominately occurred in the southeastern part of the state. Bedrock occurs less frequently in the new study area, especially the Minnesota River Valley. Bedrock proximity served to be a great proxy for relief in Phase 1, and therefore relief was not necessary to be incorporated in the model since it did not enhance the model's statistical strength due to overlap. Bedrock outcrop proximity is expected to play less of a role in causing slope failures for the Phase 2 study area, however, steep bluffs still occur. Therefore, a new dataset—relief—was designed to capture bluffs that occur primarily from river instability as opposed to bedrock proximity.

3.2.3 Slope, Terrain Curvature, and Proximity to River Banks

Other vulnerability factors used in Phase 1 are likely to stay and include: slope angle, terrain curvature, and proximity to rivers. River bank proximity models for the slope failures likely occurring along eroding channel cut banks. This dataset is predicted to influence slope failures in areas above the knickpoint described in the literature review. For areas below the knickpoint, ravines and bluff are expected to have a larger role in causing slope failures. However, these datasets are expected to have no overlap and enhance the model's predictive capability when they are all included in the model at once. Task 5 (Sensitivity Analysis) will test that prediction.

3.3 MODEL SLOPE FAILURE PROBABILITY

The final step in designing the model was determining the probability of slope failure for the entire study area (0.5 mile buffer from highway centerlines). This includes the same logistic regression computation used in Phase 1, expect the input parameters and other data are different. This final stage of the model incorporates data from Parts 1 and 2 – Historical Slope Failures and Causative Factors. This step of the model will not be executed until Task 6 (Produce Risk Maps), after the final input parameters are determined in Task 5.

CHAPTER 4: TASK 4 DATA COLLECTION

Task 4 of this project included data collection of the slope vulnerability factors. The data includes a combination of publicly available data and data derived from elevation data. This project includes the following slope vulnerability factors and their sources:

- Digital Elevation Models (DEM): United States Geological Survey (USGS)
- Slope angle (DEM-derived)
- Stream power / gullying index (DEM-derived)
- Terrain curvature (DEM-derived)
- Topographic wetness index for pore water pressure (DEM-derived)
- Proximity to rivers: (Derived from DNR rivers and streams shapefile)
- Proximity to bedrock outcrops: (Derived from MN Geological Survey (MGS) S-21 Geologic Map of Minnesota Bedrock Geology – statewide – 1:500,000)
- Proximity to karst features: (Derived from MGS)
- Incision potential (DEM-derived)
- Relief (DEM-derived)

It is important to note that in this project, vulnerability factors are all potential causative factors, whereas input parameters are statistically tested causative factors determined in later Tasks.

CHAPTER 5: TASK 5 SENSITIVITY ANALYSIS

Task 5 of the slope vulnerability project included a series of tests collectively called the Sensitivity Analysis. A sensitivity analysis determines how well the GIS model predicts slope failures and how the model responds to changes in testing parameters. This technical memorandum reviews the Phase 2 sensitivity analysis results as well as the Phase 1 results that are applicable for the new study area.

5.1 PHASE 1 RECAP

The sensitivity analysis tested five factors:

- elevation data resolution,
- size of the study area (buffer from highway centerlines),
- ability of the geomorphic index to detect past failures,
- testing various vulnerability factors in the model,
- testing site selection for the model.

Four of these factors— elevation resolution, size of the study area, past failures, and site selection methods— are applicable for the Phase 2 study area and did not require further testing. However, they required different data collection and model preparation than for Phase 1 (Tasks 2-4 Report). Recap of the Phase 1 results for these factors are described below in further detail.

5.1.1 Elevation Data Resolution

Spatial data resolution is an important quality control measure that affects the predictive accuracy of the model. An optimum level of resolution depends on the specific project objectives and scale of study. The model objectives in this study are to locate past slope failures, determine the causative factors, and determine the risk of new slope failures. Elevation data at 1-meter, 3-meter, and 10-meter resolutions were tested to determine the most efficient resolution in locating and predicting slope failures at the district level.

In summary, the results indicated that 10-meter elevation resolution is most appropriate for the scale of the study. Smaller resolutions are time consuming, data intensive, and may be less accurate. They detect too much detail not required to meet project objectives and therefore do not improve model predictions. For example, artificial slopes like landscaped hills are detected using 1 and 2-meter resolution data. These "slopes" would need to be manually deleted from results. For more information about why smaller resolutions are not the most efficient for this study please see Phase 1 Slope Vulnerability final report.

Elevation data at 10-meter resolution will be applied for the Phase 2 study area as well.

5.1.2 Size of the Study Area (Buffer from Highway Centerlines)

Selecting an appropriately sized study area underpins the predictive accuracy of the model. The area incorporated into the model must balance the amount of data incorporated into the model with ensuring that the maximum number of slope failures are detected. In Phase 1, three options were analyzed: sub-watersheds that intersect the highways, a uniform buffer of 0.5 miles on each side of the highway, and a combination of the two.

In summary, testing results indicated a 0.5-mile buffer is the most appropriate sized study area for this project, since it captures slope failures most likely to occur in Minnesota.

A 0.5-mile buffer will be applied for the Phase 2 counties as well.

5.1.3 Detecting Past Slope Failures

WSB created a method for detecting past slope failures by calculating for geomorphic features with elevation data as its only input (Phase 1 Final Report and Tasks 2-4 Report). The accuracy of this measure was compared to known slope failure sites from other work and verified with aerial photos and hillshade data for Phases 1 and 2.

In summary, over 2,000 slopes in the Phase 1 study area were identified and verified as having high risk of past slope failures.

Results from Phase 2 indicate similar modeling capabilities; the model is able to capture the different types of slope failures occurring in different regions. Thousands of previously unrecorded ravines were identified in Phase 2, an important landform for the new study area. Several documented slides in this region recorded that the slides occurred along ravines. The results were verified with aerial photos, hillshade data, and in the field (Task 7 Report).

5.1.4 Testing Site Selection

Determining the number of testing sites for incorporation into the model was one of the final steps of the Phase 1 sensitivity analysis. Testing sites are a combination of verified past slope failures and randomly generated locations in GIS used to test the results of the sensitivity analysis and run the model. Typically, a minimum of 30 sites are recommended for statistical analyses. For Phase 1, WSB included over 30,000 sites (combination of verified and random) for incorporation into the model.

In summary, testing results indicated that the most important factor in site selection is including locations from both failed and non-failed areas rather than the sheer number of sites because the results of GWR will be interpolated for all areas in the study area. If only failed areas were included in the model, the interpolated surfaces will inaccurately have high probabilities of failure.

Site selection for Phase 2 included similar methods—combination of verified and randomly generated sites, and a combination of failed and non-failed sites. The total number of sites for Phase 2 is about 100,000, due to the larger scale of the study area. However, the number of sites per county is roughly the same as Phase 1.

5.2 PHASE 2 TESTING VULNERABILITY FACTORS

The process of statistically testing all potential causative factors of slope failures was completed in this Task. Task 4 defined vulnerability factors as all potential causative factors, whereas input parameters are causative factors with the greatest statistical strength. Vulnerability factors are discarded as input parameters through a process of elimination based on statistical strength. This statistical indicator is the r-square value results of geographic weighted regressions (GWR) (Tasks 2-4 Report). The following sections outline the results of this process in more detail.

5.2.1 Phase 1 Final Input Parameters

The sensitivity analysis results from Phase 1 narrowed down the number of vulnerability factors to just four final input parameters:

- Slope angle,
- Distance to streams,
- Distance to bedrock outcrops, and
- Terrain curvature

Previous Tasks in this project predicted that some of these input parameters will stay in the model, but new ones will need to be generated to incorporate the geomorphology of the Phase 2 study area. The following sections test these predictions.

5.2.2 Phase 2 Vulnerability Factors

Data on the following vulnerability factors were collected/ derived and then processed for GWR:

- Slope angle steepness of the hill,
- <u>Terrain curvature</u> shape of the slope (e.g. convex or concave),
- Distance to streams horizontal distance to nearest stream bank,
- Distance to bedrock outcrops horizontal distance to nearest bedrock outcrop,
- Stream power index the erosivity of a river channel or land surface,
- <u>Topographic wetness index</u> soil saturation/ inability to drain,
- <u>Incision potential</u> where slope angle is likely to increase over time through erosion/ ravine formation (Appendix A; Figure 6), and
- Local relief local vertical distance of the slope, or slope height.

Some datasets previously tested in Phase 1 were excluded from the sensitivity analysis of this phase. These datasets include soil erodibility characteristics (e.g. grain size and K-factor) and bedrock geology.

They were excluded due to the model's ability to account for the spatial variance in these factors more efficiently with other datasets (e.g. terrain curvature and distance to streams).

5.2.3 Geographic Weighted Regression

As discussed in previous tasks, the execution of GWR is efficient because it not only permits more than one causative factor to be in the model at once, but it statistically tests how these causative factors vary locally. Furthermore, the trial and error process of GWR effectively eliminates potential causative factors that are either weak statistically or do not enhance the model.

GWR was computed with the vulnerability factors outlined above. First, each of the vulnerability factors were tested in the model individually, to test the accuracy of each variable in causing slope failures. Once the variables were tested separately, different combinations of the variables were tested with the aim of determining the best possible combination of variables that generates the greatest statistical strength.

When the vulnerability factors are tested independently in the model the following results emerge:

- Local relief (slope height) is the most important vulnerability factor with an average r-square value of 0.576 for all 100,000 points across the study area (Appendix A; Table 1).
- Slope angle is a close second with an average r-square value of 0.455.
- Incision potential had an average r-square of 0.400.
- Terrain curvature had an average r-square value of 0.220.
- Distance to streams had an average r-square value of 0.131.
- Distance to bedrock outcrops had an average r-square value of 0.066.

The two new vulnerability factors—local relief and incision potential had higher than expected r-square values, confirming that they will be incorporated as model input parameters. Distance to streams had a lower than expected r-square value, indicating that it is not the strongest predictor of slope failures. This vulnerability factor was stronger for the Phase 1 study area. This difference is reflective of the geomorphology differences in this part of the state. Distance to bedrock outcrops had a relatively low r-square value, which was expected due to less bedrock exposure in this part of the state compared to southeastern Minnesota.

When different combinations of the vulnerability factors are tested in the model the following results emerge:

- Slope and local relief together had an average r-square value of 0.640.
- Slope, relief, incision had an average r-square value of 0.690.
- Slope, relief, incision, terrain curvature had an average r-square of 0.732.
- Slope, relief, incision, terrain curvature, streams had an average r-square of 0.666.

- Slope, relief, incision, terrain curvature, streams, and bedrock had an average r-square value of 0.775.
- Slope, relief, incision, terrain curvature, bedrock had an average r-square value of 0.748.

These results highlight an important benefit of GWR— more data is not necessarily better. Particular additions to the model may not enhance the results, in fact, sometimes they slightly weaken the results. This benefit not only helps minimize the amount of data in the model but facilitates a data-driven approach for identifying causative factors. For example, when streams is added as a fifth vulnerability factor to the model, it lowers the average r-square value from 0.732 to 0.666. Furthermore, other additional vulnerability factors may slightly increase the average r-square value, but not enough in a way that marginally enhances the model.

5.2.4 Phase 2 Final Input Parameters

The sensitivity analysis results from Phase 2 narrowed down the number of vulnerability factors to just four final input parameters:

- Slope angle,
- Local relief,
- Incision potential, and
- Terrain curvature

Two of the input parameters from Phase 1 will remain for the Phase 2 counties—slope angle and terrain curvature. Terrain curvature performs statistically well, better than expected, both times. The other two input parameters—local relief and incision potential—capture two types of landforms important for the Phase 2 study area—bluffs and ravines.

5.3 SUMMARY

WSB tested five components of the model: resolution of spatial data, size of the study area, historic slope failure detection, methods of site selection, and variable combinations. The sensitivity analysis reveals that:

- 10-meter elevation data resolution is most appropriate for Phase 2 counties,
- 0.5-mile buffer study area is sufficient for Phase 2 counties,
- The geomorphic index model for identifying past failures can detect known failures and thousands of unrecorded ones,
- The most important factor in site selection is including locations from both failed and non-failed areas, and
- Statistical tests identified the new model input parameters for Phase 2 counties.

CHAPTER 6: TASK 6 DRAFT PDF MAPS AND RISK RANKING

Task 6, Produce Maps and Rank Lists was completed for 32 counties in five districts. In this Task, the model was refined, scripted, and executed for the following counties: Big Stone, Swift (District 4); Dodge, Fillmore, Freeborn, Mower, Olmsted, Rice, Steele (District 6); Brown, Cottonwood, Faribault, Jackson, Martin, Nobles, Sibley, Rock, Waseca, Watonwan (District 7); Chippewa, Kandiyohi, Lac qui Parle, Lincoln, Lyon, McLeod, Meeker, Murray, Pipestone, Redwood, Renville, Yellow Medicine (District 8); Carver (Metro). The deliverables include draft maps of the 32 counties, draft shapefiles and rasters, and this technical memorandum. The following sections describe the methodology and results of this Task.

6.1 DRAFT PDF MAPS

WSB executed the model to produce slope vulnerability results. Figure 7 shows an example of the draft maps and Figure 8 shows a zoomed in example of the vulnerability output (Appendix A). The vulnerability results were then utilized in a risk ranking procedure, described in the next section.

6.2 RISK RANKING

6.2.1 Methodology

Risk is the product of probability and consequence (Probability x Consequence = Risk); risk matrices provide a framework for determining probability and consequence. To be most effective, risk matrices must have robust probability and consequence definitions. The Slope Vulnerability Risk Matrix with the definitions is presented in Appendix A Table 2.

The matrix has four categories of risk management:

- Site visit / action recommended*
- 2. Further evaluation*
- 3. Monitoring*
- 4. No further action recommended*

Risk ranking was conducted at the Management Area scale. Management areas are regions with similar risk scores. This aggregates the large amount of individual slopes into a workable number.

Proposed management areas were delineated in GIS. Probability was delineated based on separating the slope vulnerability results into three categories: high, medium, and low likelihood of failure. Consequence was delineated based on proximity to roads and urban vs. non-urban areas. Urban areas include cities and incorporated towns. Non-urban area is area within the study area that is not a city or incorporated town. These categories and consequences are provided as starting point for future

consideration of risk tolerance and will require refinement as part of a robust risk estimation process following completion of modeling activities.

6.2.2 Results

The draft risk rankings transformed tens of thousands of slopes into hundreds of proposed management areas. The full list of proposed management areas ranked by risk is presented in Table 3 of the Appendix. The total number of areas for each of the different rankings is as follows:

Action Recommended*: 858 areasFurther Evaluation*: 1120 areas

Monitoring*: 1440 areas

• No Action*: the rest of the area of interest

The proposed management areas range in size from a few thousand square feet to over one million square feet. The percent of the entire domain area that each risk ranking covers is below:

Action Recommended*: 0.7%Further Evaluation*: 0.45%

Monitoring*: 9%No Action*: 89.85%

Although draft results include many proposed management areas, only a small portion of the whole domain is within a proposed management area. For example, the total area for Action Recommended is only 2.2 square miles of the entire 314 square miles. Figure 9 shows the proposed management areas of the zoomed in portion of the vulnerability map from Figure 8.

NOTE: * Denotes preliminary terminology

CHAPTER 7: TASK 7 FIELD VERIFICATION

WSB completed Task 7 of this project—Field Verification. The objective of Task 7 was to field verify the model developed in previous tasks. This task included two site visits—one in District 7 and one in District 8. WSB chose these sites to determine the model's capability of identifying slope failures in different regions of the state. The following sections outline the methods, results, and conclusions of this task.

7.1 METHODS

This section outlines the model's progress prior to the field visits, rationale for site selection, and the methods and equipment used during the visits.

7.1.1 Model Progress Prior to Visit

Task 7 was completed before the final risk maps were produced, in case that the model needed to be redesigned or adjusted. Prior to the field visits, only the first part of the model was executed—Part 1 (Model Historical Failures). Model Part 1 objectively identifies all areas of past slope failures that have either recovered or are ongoing. Data on past slope failures enhances predictive modeling. Predictive modeling will be completed in Task 6 (Final Risk Maps).

7.1.2 Rationale for Site Selection

Sites 1 and 2 were selected not only because they had high model outputs, but because they are located in different regions of the state with different geologic and geomorphic backgrounds.

Site 1 – TH68 New Ulm, Brown County, District 7

Site 1 represents an important landform indicative of our new study area—ravines (Tasks 2-4 Report). Ravines are landforms that have been eroding since the last glacial maximum and become a serious concern when they approach or intersect Minnesota State Trunk Highways. Ravines become steeper with time. Site 1 is located south of New Ulm, Minnesota in District 7 (Appendix A; Figure 10). The ravine extends from the valley floor of the Cottonwood River onto higher upland surfaces that were previously not eroded.

Site 2 – TH67 Granite Falls, Yellow Medicine County, District 8

Site 2 is an area where channel bank erosion and steep slopes are likely causing slope failures, as opposed to the river incision and ravine formation processes. The site is located near Granite Falls, Minnesota in District 8 (Appendix A; Figure 11). The model output captured the historical slope failures occurring at this site that were previously unrecorded. The terrain of the floodplain and terraces between the river and TH67 resembled slumping when modeling for past slope failures. The results from the field visit, described in the next section, tested this outcome.

7.1.3 Equipment

The methods for this task along with equipment used are listed below:

- Navigation from site to site (ESRI mobile apps and printed maps)
- Quantifying slope angles using a laser range finder (Halo XL 450)
- Geomorphic, geologic, and hydrologic observations (field forms and photos with Datafi web service and iPad)

The 2 site visits were completed on April 9, 2019.

7.2 RESULTS

The model's capability of identifying areas at risk was validated in the field. Both sites are active and are supported with evidence from the field. Site 1 had evidence of recently fallen debris on the steep side slopes of the ravine. Site 2 had evidence of catastrophic slope failures, closing the road, that occurred within the short amount of time between when the site was selected and visited. The following subsections describe the field results in more detail.

7.2.1 Site 1 – TH68 New Ulm, Brown County, District 7

The field results confirm that Site 1 is an active ravine (Appendix A; Figures 12 - 15). The ravine is well formed with steep side slopes as high as 90 degrees. As previously described, ravine formation is the process between gullying and tributary with perennial flow; they are extensions from rivers (Appendix A; Figure 16). It is a process that occurs when there is a geomorphic dis-equilibrium. The field results validate that this site is in dis-equilibrium and erosion is ongoing until a new equilibrium is reached. Erosion occurs bottom-up meaning that the ravine is incising upland away from the river and does so by deepening and widening.

Evidence of active ravine formation includes the following:

- deeper eroded beds that gradual rise in elevation away from the river,
- steep side slopes that become less steep toward the headwall or ravine fingertips,
- exposed sandstone bedrock,
- recently fallen trees and hanging trees with exposed roots,
- eroded bed that connects with the Cottonwood river
- intersected water table/ spring with steady flow
- eroded soil duff layer and recently fallen debris at base of ravine side slopes

Site 1 is one example of hundreds to thousands of ravines that occur within the study area. The model identifies these previously unrecorded landforms that continue to affect trunk highways.

7.2.2 Site 2 – Granite Falls, Yellow Medicine County, District 8

The field results confirm that Site 2 is active and different geomorphic processes are at play than Site 1. The results indicate that a relatively long portion of TH67 is currently failing, roughly 1000 feet by 500 feet down toward the Yellow Medicine River (Appendix A; Figures 17-21). The failure is very recent, causing the road to become closed off within hours after this site was selected for verification. The geomorphic processes occurring at this site are some of the most complex thus far in the project. In summary, the area is experiencing deep-seated rotational slides that result from soil saturation and weak glacial till. Soil saturation occurs from either flood waters along the floodplain, or from rainfall along the base of the road embankment (Appendix A; Figures 18-21).

Deep rotational slides are supported by the following evidence:

- dozens of well-formed head scarps, some as tall as five feet
- cracks that push and uplift the road surface
- recovered slumping with intact upper soil horizons on old slide deposits
- active slumping with gravitropism
- active slides along river banks
- unnatural channel planforms (directions) due to large volumetric landslide deposits
- road closures and unusable trails

Site 2 not only verifies the model's ability to identify slope failures from different geomorphic processes, but the prediction that historical slope failures have occurred here.

Prior to the field, the historical slope failures model detected this location based off terrain features that resemble past slope failures. Out in the field, not only were the specific features that resembled past slope failures identified (recovered slumping with intact upper soil horizons on old slide deposits), but these features have been continuously altering the channel's planform for thousands of years.

Specifically, the slide deposits block the river channel from forming natural looking river meanders (Appendix A; Figure 22). This process prevents the river from cutting back toward the road as quickly, however, this does *not* mean the entire area from the river to the road is stable.

Dozens of scarps and cracks indicating deep rotational slides were observed all throughout the floodplain, terrace, paleo-terrace, and even as high as the road surface. Although these scarps and cracks occur over a large area, spanning as much as 500 feet toward the road, they are part of the same geomorphic system. The scarps and cracks are occurring because of the same processes, although their causes may vary depending on where they are located (rainfall for the road, and flood waters for the floodplain). The old slide deposits altering the channel planforms cause a positive feedback cycle, or endless loop, where saturation causes slides, but the slides are never fully removed by the river. This causes the same area to become saturated repeatedly by floods or rainfall and weaken the soils, initiating planes of failure, and potentially planes of failure with larger surface area over time.

7.3 CONCLUSIONS

The activities in Task 7 served to validate the model and indicates it performs well for identifying different types of slope failures in regions with different geology, geomorphology, and hydrology. Active and recent catastrophic slope failures were observed—rotational slides and translational slides along road cuts and ravine side slopes. Several pieces of supporting evidence were recorded. The results from this task confirmed that the model thus far did not require redesign or alterations.

CHAPTER 8: TASK 8 FINAL REPORT, FINAL MAPS, GIS MODEL AND DOCUMENTATION

The deliverables in this phase include the following: draft report, final report, final PDF maps, vulnerability raster files, the GIS model and model documentation, and the proposed management areas ranked by risk for efficient use of project results.

8.1 FINAL PDF MAPS

WSB completed final PDF maps for the following counties: Big Stone, Swift (District 4); Dodge, Fillmore, Freeborn, Mower, Olmsted, Rice, Steele (District 6); Brown, Cottonwood, Faribault, Jackson, Martin, Nobles, Sibley, Rock, Waseca, Watonwan (District 7); Chippewa, Kandiyohi, Lac qui Parle, Lincoln, Lyon, McLeod, Meeker, Murray, Pipestone, Redwood, Renville, Yellow Medicine (District 8); Carver (Metro). One change from Phase 1 is the naming conventions of the management areas. Management areas are labeled as "proposed management areas" and the titles of the four categories of risk management have been marked as preliminary titles. These changes are to reflect the preliminary nature of the consequence definition.

8.2 VULNERABILITY RASTER FILES

WSB combined the vulnerability final outputs from each of the 32 counties into one raster file that has the appropriate symbology, correct size study area, and most updated roads jurisdiction. The file is readily available for use in any ArcGIS platform.

8.3 PROPOSED MANAGEMENT AREAS SHAPEFILES

WSB combined the proposed management areas final outputs from each of the 32 counties into one shapefile that has the appropriate symbology, correct size of study area, and most updated roads jurisdiction. The file is readily available for use in any ArcGIS platform.

8.4 GIS MODEL AND DOCUMENTATION

WSB provided MnDOT the GIS model along with appropriate scripts and documentaion for running the model. Final scripting edits included clipping the final outputs to a half mile buffer and ensuring every cell within the study area had a value. When running the model, MnDOT will be prompted with instructions on how to use the model.

CHAPTER 9: CONCLUSIONS

The results of this study are intended as the first step of actions required in minimizing the effects of slope failure. These effects include infrastructure damage such as road and bridge collapse, cracks and uneven road surfaces, land movement below road surfaces, road blockage from fallen debris, threats to public including injury and loss of life, and economic effects such as expensive mitigation actions. In this study, the GIS model developed in Phase 1 was refined and implemented to identify slope vulnerability along state trunk highways for 32 more counties. The model's capability of identifying slope vulnerability anywhere in the state with minimal data input was field verified. Final maps depicting slope vulnerability for 32 counties in five districts were produced and management areas were ranked based on risk that can provide useful information for district, county, or city engineers, planners, project managers, and maintenance staff. Several steps should be taken to maximize the value and usefulness of the model:

- Model and produce results for other Districts within the state.
- Conduct a robust risk estimation process
- Incorporate the Risk Factors determined in this project into MnDOT's TAMP.

APPENDIX A: FIGURES AND TABLES

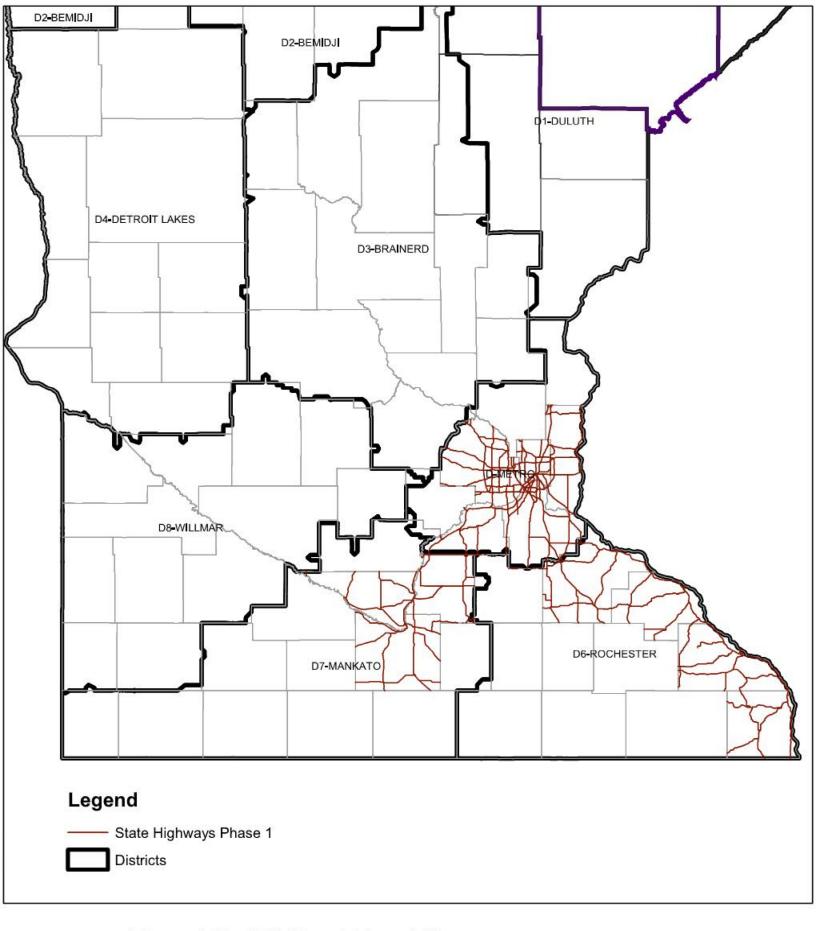
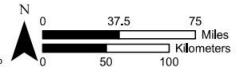




Figure 1. MnDOT Slope Vulnerability Phase 1 Study Area (2017-2018)

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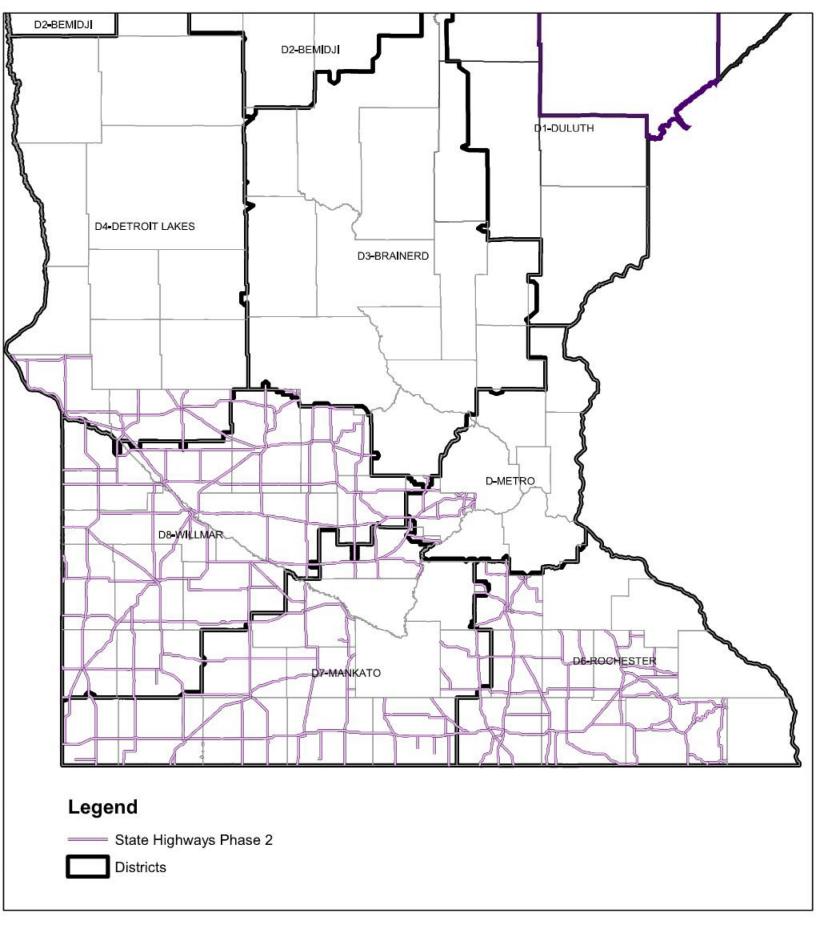
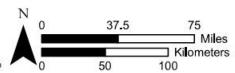




Figure 2. MnDOT Slope Vulnerability Phase 2 Study Area (2019)

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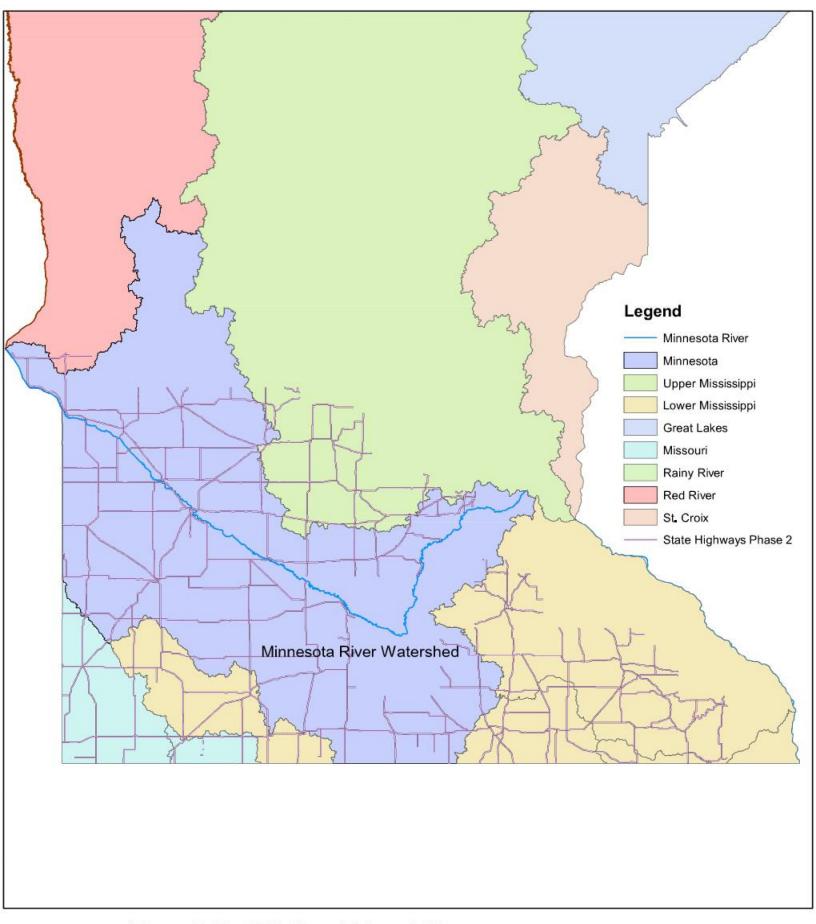
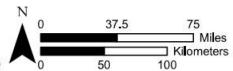


Figure 3. MnDOT Slope Vulnerability



Minnesota River Watershed

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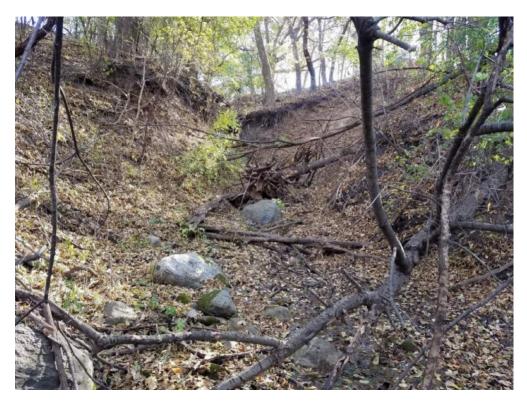


Figure 4. Ravine



Figure 5. Bluff

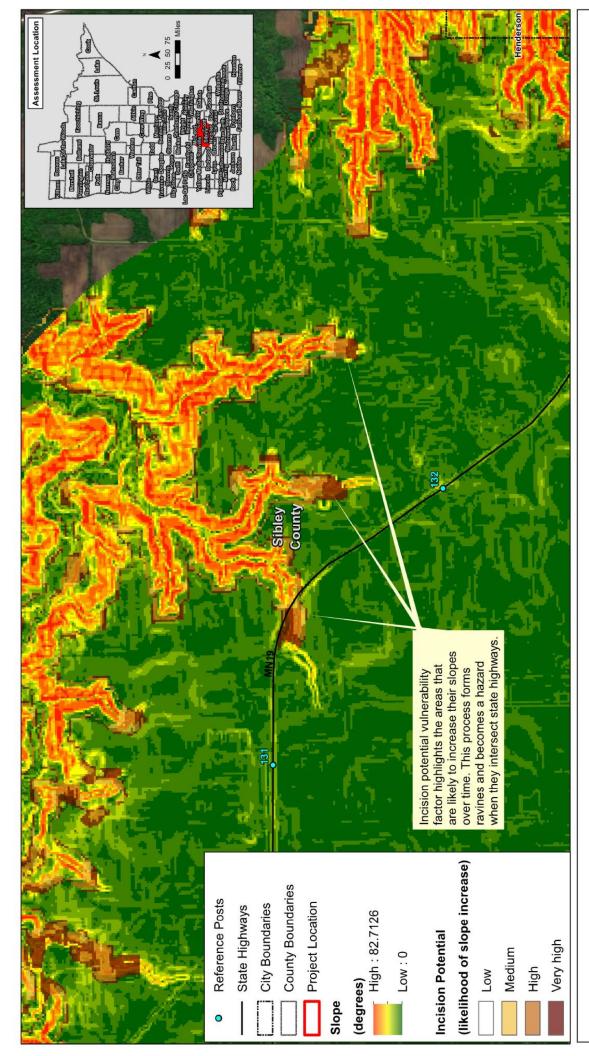
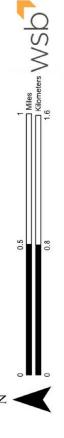
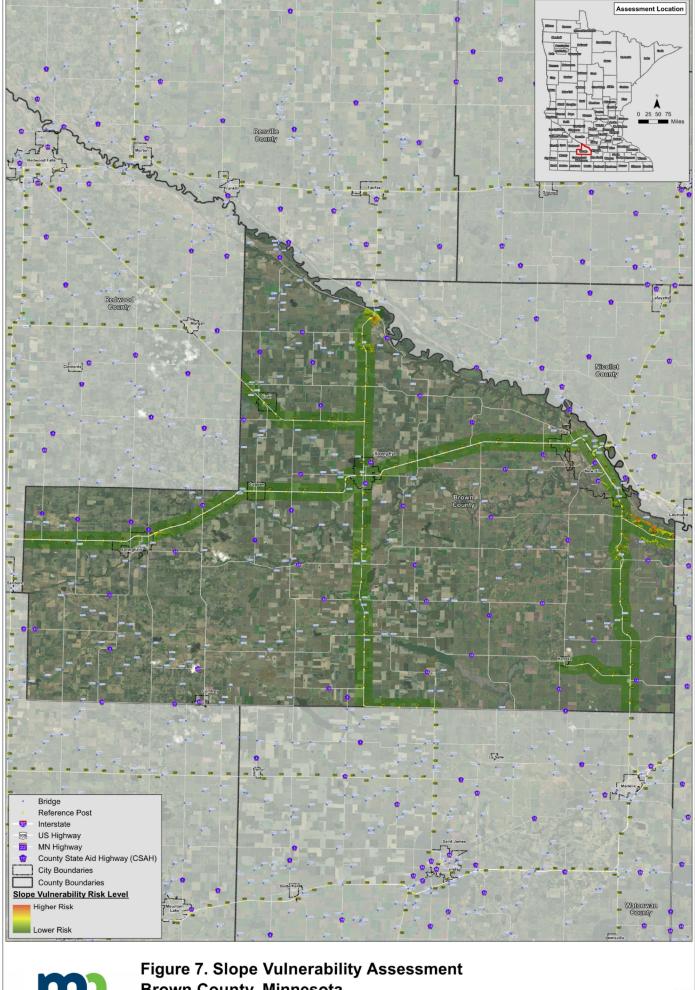


Figure 6. MnDOT Slope Assessments - Causative Factors Incision potential (slopes likely to increase with time)

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Brown County, Minnesota

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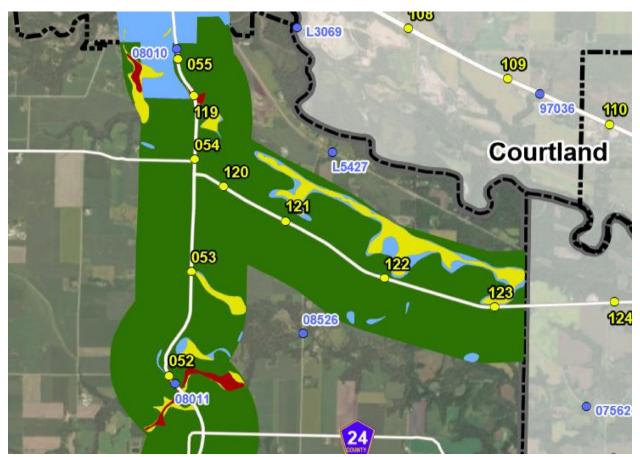
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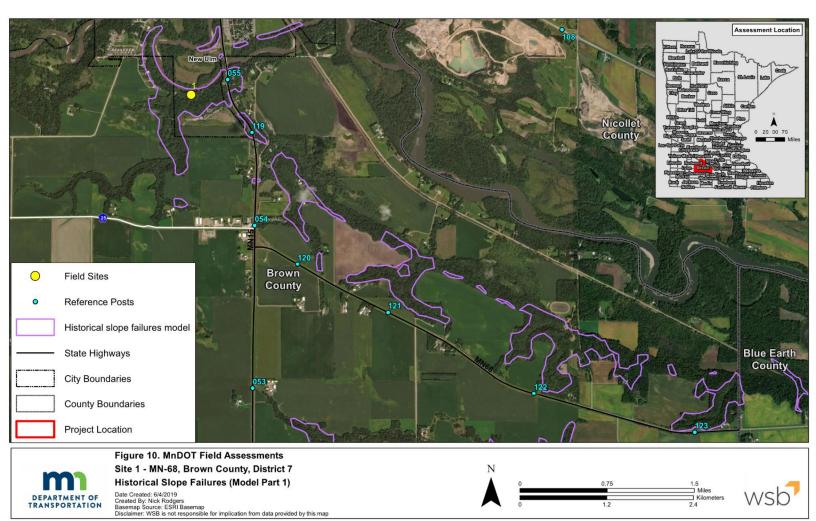
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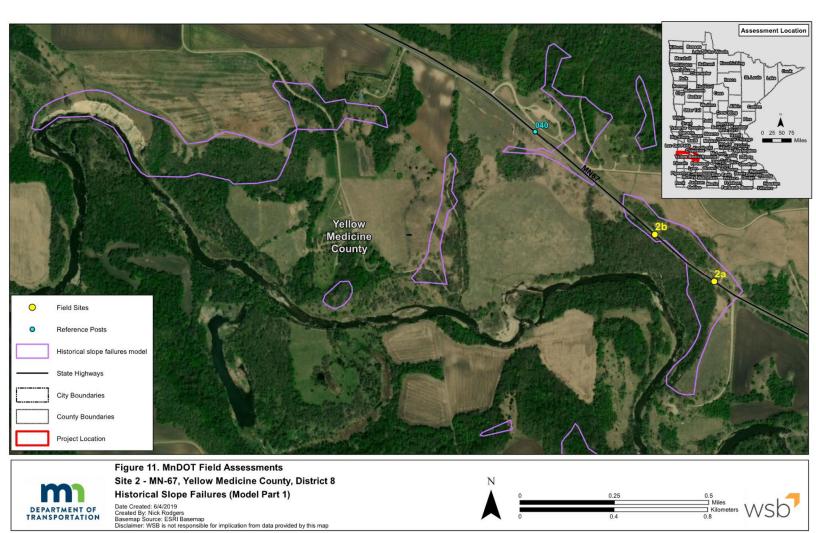
Figure 8. Example of Brown County Slope Vulnerability

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Figure 12. Looking Downslope. Photo: Nick Bradley, WSB.



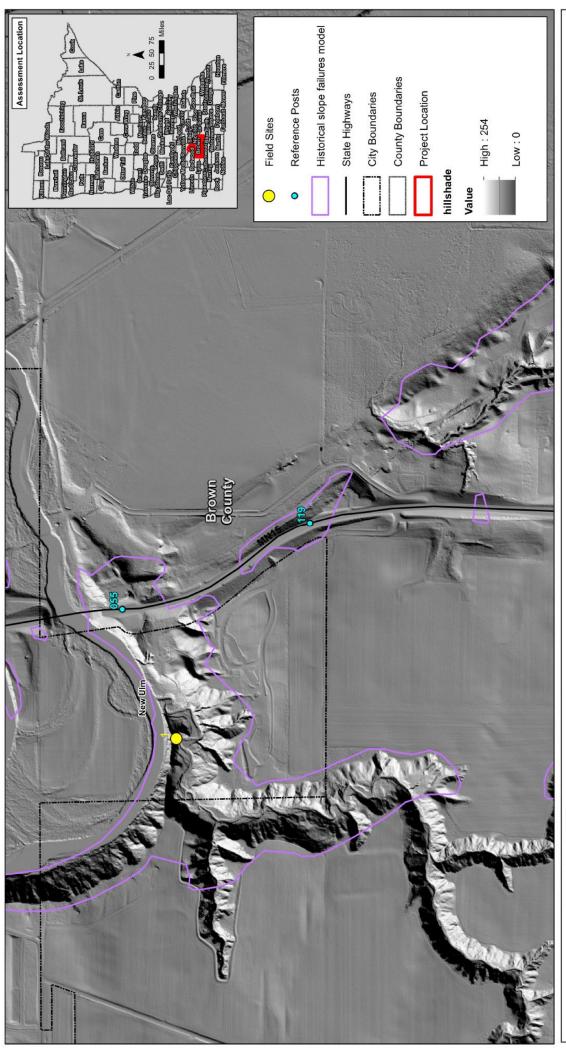
Figure 13. Looking Upslope. Photo: Nick Bradley, WSB.



Figure 14. Two Ravine Finger Tips. Photo: Nick Bradley, WSB.



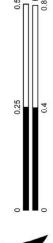
Figure 15. Intersected Water Table/ Spring. Photo: Nick Bradley, WSB.





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Ravine Features
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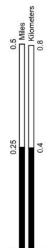






Figure 17. Crack in TH67 causes road closures and indicates deep-seated slope failures. Photo: Nick Bradley, WSB.



Figure 18. Cracks occur as far as 1000 feet from one another along TH67. Photo: Nick Bradley, WSB.

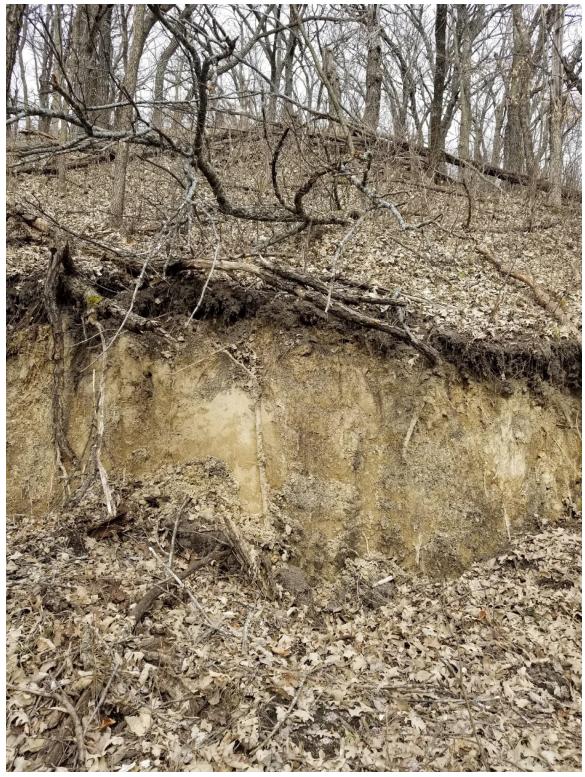


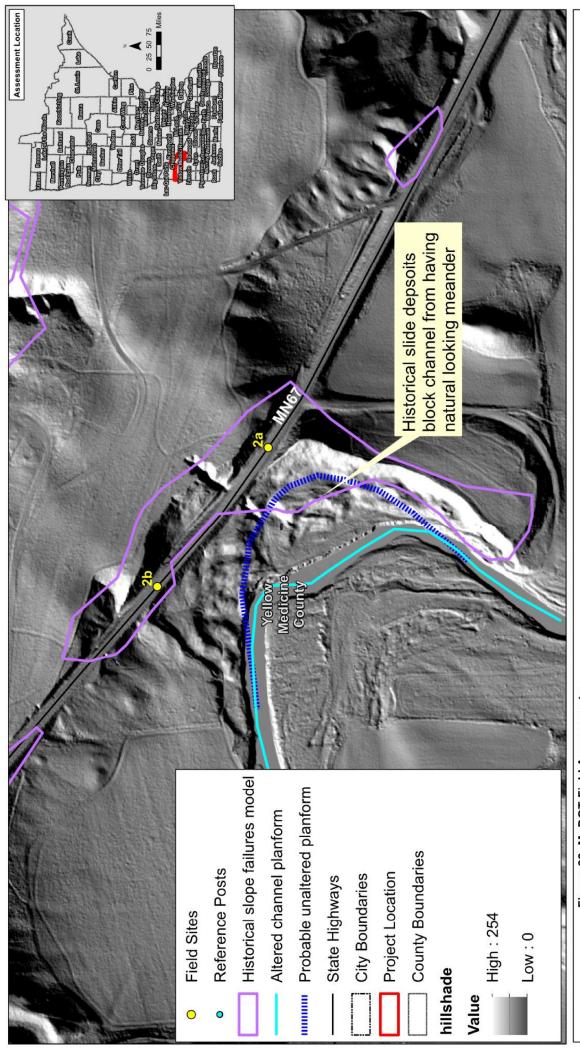
Figure 19. Very recent 4-foot tall head scarp in river terrace. Photo: Nick Bradley, WSB.



Figure 20. Scarp in floodplain causes the trail to become unusable. Photo: Nick Bradley, WSB.



Figure 21. Dozens of scarps formed around the same time spanning from the river to the higher road surface 500 feet away. Photo: Nick Bradley, WSB.



Site 2 - MN-67, Yellow Medicine County, District 8 Landslide Deposits Alter Channel Planform Figure 22. MnDOT Field Assessments

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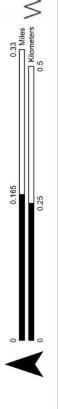


Table 1. Statistically Testing Causative Factors

	Variable(s)	Average r-square value for all 100,000 sites
Single	1. local relief (slope height)	0.576
	2. slope angle	0.455
	3. incision potential (slopes likely to increase)	0.4
	4. terrain curvature (shape of slope)	0.22
	5. distance to streams	0.131
	6. distance to bedrock outcrops	0.066
Combinations	7. slope and relief	0.64
	8. slope, relief, incision	0.69
	9. slope, relief, incision, terrain curvature 10. slope, relief, incision, terrain curvature,	0.732
	streams 11. slope, relief, incision, terrain curvature,	0.666
	streams, bedrock 12. slope, relief, incision, terrain curvature,	0.775
	bedrock	0.748

					Consequence	
				Intersects Trunk Highways	Within 500 feet of Trunk Highways	More than 500 feet of Trunk Highways
				Within Metro or Incorporated Town	Rural	
	Slope Stability	Rational		Critical (5)	Serious (3)	Marginal (2)
	Low	Slope is likely already experiencing mass failure or has the highest risk of failure.	Likely (4)	20 Site visit / action recommended*	12 Further evaluation*	8 Monitoring*
LIKELIHOOD	Medium	Surface erosion and other pre-cursors for catastrophic failure.	Possible (3)	15 Further evaluation*	9 Monitoring*	6 No action*
	High	Slope has been repaired, recovered, or shows no signs of imminent future.	Unlikely (2)	10 Monitoring*	6 No action*	4 No action*

Table 2. Risk Matrix – *NOTE*: * Denotes preliminary terminology

Rank	Action 1	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	849a	442103.302
	2 Site Visit / Action Recommended	844a	208907.5166
	3 Site Visit / Action Recommended	837a	201114.4415
	4 Site Visit / Action Recommended	855a	132678.9704
	5 Site Visit / Action Recommended	853a	100110.1211
	6 Site Visit / Action Recommended	850a	88026.8665
	7 Site Visit / Action Recommended	846a	75550.72822
	8 Site Visit / Action Recommended	818a	68690.84772
	9 Site Visit / Action Recommended	848a	40362.10514
	10 Site Visit / Action Recommended	842a	40012.04798
	11 Site Visit / Action Recommended	857a	32933.69498
	12 Site Visit / Action Recommended	852a	27778.44205
	13 Site Visit / Action Recommended	856a	25691.67037
	14 Site Visit / Action Recommended	847a	16699.95478
	15 Site Visit / Action Recommended	858a	16200.62485
	16 Site Visit / Action Recommended	851a	14705.58016
	17 Site Visit / Action Recommended	840a	10840.18171
	18 Site Visit / Action Recommended	854a	9246.457686
	19 Site Visit / Action Recommended	841a	4364.703396
	20 Further Evaluation	1114b	437006.8591
	21 Further Evaluation	306b	267004.831
	22 Further Evaluation	1105b	143651.4226
	23 Further Evaluation	307b	131829.8437
	24 Further Evaluation	305b	114452.3178
	25 Further Evaluation	1108b	101192.7862
	26 Further Evaluation 27 Further Evaluation	291b 302b	98812.42713 71342.31257
	28 Further Evaluation	301b	46188.95811
	29 Further Evaluation	1118b	36483.33351
	30 Further Evaluation	1107b	32853.89488
	31 Further Evaluation	304b	26672.29135
	32 Further Evaluation	1109b	19852.24899
	33 Further Evaluation	1110b	18876.68727
	34 Further Evaluation	1097b	18592.02888
	35 Further Evaluation	1086b	17379.97451
	36 Further Evaluation	288b	16812.49617
	37 Further Evaluation	1115b	13436.06265
	38 Further Evaluation	1102b	13402.42659
	39 Further Evaluation	300b	13299.72259
	40 Further Evaluation	1116b	13215.38612
	41 Further Evaluation	1120b	11085.87476
	42 Further Evaluation	1119b	10815.64443
	43 Further Evaluation	1111b	9770.502576
	44 Further Evaluation	1112b	9710.162906
	45 Further Evaluation	287b	7456.660993
	46 Further Evaluation	1089b	6246.030086
	47 Further Evaluation	303b	5873.83732
	48 Further Evaluation	1117b	5427.027246
	49 Further Evaluation	281b	5415.65341
	50 Further Evaluation	1113b	4543.136941
	51 Further Evaluation	1100b	3477.798856
	52 Monitoring	1432c	8436433.804
	53 Monitoring 54 Monitoring	1438c 1436c	1882991.719 1632294.736
	55 Monitoring	1430c 1440c	1394551.249
	56 Monitoring	14400 1422c	1293848.104
	57 Monitoring	14220 1439c	1229666.666
	58 Monitoring	1417c	988480.1193
	59 Monitoring	1429c	845671.0218
	oo mormornig	11200	0 1007 1.02 10

	2		
Rank	Action	Area Name	Area (m^2)
60 Monitorin	ıg	1437c	651350.6103
61 Monitorin	ıg	1097c	80887.07123
62 Monitorin	ıg	1084c	65736.96222
63 Monitorin	ıg	1099c	61244.62364
64 Monitorin	ıg	1100c	60315.06765
65 Monitorin	ıg	821c	51688.14994
66 Monitorin	ıg	818c	49862.14162
67 Monitorin	ıg	1094c	31748.1908
68 Monitorin	ıg	1081c	21667.4025
69 Monitorin	ıg	816c	20265.27422
70 Monitorin	ıg	1096c	18107.60146
71 Monitorin	ıg	789c	18060.09396
72 Monitorin	ıg	787c	16949.88451
73 Monitorin	ıg	788c	14928.22291
74 Monitorin	ıg	820c	14726.18966
75 Monitorin	ıg	1083c	14221.58733
76 Monitorin	ıg	1075c	12953.55986
77 Monitorin	ıg	819c	10656.44497
78 Monitorin	ıg	1079c	8943.895725
79 Monitorin	ıg	794c	7674.437967
80 Monitorin	ıg	1435c	6002.19165
81 Monitorin	ıg	817c	5877.395101
82 Monitorin	ıg	793c	5296.023054
83 Monitorin	ıg	1101c	4358.602767
84 Monitorin	•	1098c	4155.534139
85 Monitorin	ig	779c	3943.561347
86 Monitorin	ıg	791c	3895.781246
87 Monitorin	•	1430c	2081.004
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Rank	Action	Area Name	Area (m^2)
	Site Visit / Action Recommended	489a	543065.367
	2 Site Visit / Action Recommended	473a	334848.0112
	Site Visit / Action Recommended	404a	135398.4599
	Site Visit / Action Recommended	431a	125661.5449
	Site Visit / Action Recommended	451a	106365.9554
	Site Visit / Action Recommended	449a	88617.1025
	7 Site Visit / Action Recommended B Site Visit / Action Recommended	458a	57630.4538 56061.73036
	Site Visit / Action Recommended	452a	46876.04641
) Site Visit / Action Recommended	421a 462a	
	Site Visit / Action Recommended	402a 403a	45228.10941 42385.18189
	2 Site Visit / Action Recommended	403a 429a	34264.37517
	Site Visit / Action Recommended	429a 418a	32533.50743
	Site Visit / Action Recommended	397a	32390.76032
	5 Site Visit / Action Recommended	453a	27947.65973
	Site Visit / Action Recommended	435a 436a	27192.43012
	Site Visit / Action Recommended	464a	21354.53358
	Site Visit / Action Recommended	404a 423a	18560.07787
	Site Visit / Action Recommended	423a 422a	17061.09789
) Site Visit / Action Recommended	454a	11265.75792
	Site Visit / Action Recommended	405a	9228.125605
	2 Site Visit / Action Recommended	403a 411a	9145.682443
	Site Visit / Action Recommended	450a	5711.952654
	Site Visit / Action Recommended	430a 432a	5427.47951
	5 Site Visit / Action Recommended	432a 433a	5007.844289
	Site Visit / Action Recommended	433a 448a	3746.900485
	Further Evaluation	148b	744476.7028
	Further Evaluation	775b	349009.9251
	Further Evaluation	767b	178287.4838
	Further Evaluation	707b 714b	123974.8125
	Further Evaluation	143b	103384.439
	2 Further Evaluation	697b	90526.49314
	Further Evaluation	698b	75349.14708
	Further Evaluation	141b	52485.43381
	5 Further Evaluation	150b	48379.20704
	Further Evaluation	151b	40992.00538
	Further Evaluation	720b	27979.79191
_	Further Evaluation	165b	19359.95518
	Further Evaluation	127b	18995.70307
	Further Evaluation	726b	16368.29146
	Further Evaluation	155b	14461.36946
	2 Further Evaluation	139b	13024.90157
	Further Evaluation	725b	10323.94246
	Further Evaluation	748b	10212.00444
	Further Evaluation	154b	9508.26793
	6 Further Evaluation	747b	8788.359531
	Further Evaluation	745b	8631.032939
48	3 Further Evaluation	716b	8330.270369
	Further Evaluation	746b	7014.306966
	Further Evaluation	166b	6944.825554
	Further Evaluation	144b	6607.930287
_	2 Further Evaluation	136b	5259.142371
_	B Further Evaluation	168b	4441.96307
	Further Evaluation	715b	4374.565292
	Further Evaluation	750b	4188.216667
	Further Evaluation	132b	4055.710731
	Further Evaluation	711b	3815.994627
	B Further Evaluation	718b	2791.644589
	Further Evaluation	751b	2768.726137
•			

	•	2	
Rank	Action	Area Name	Area (m^2)
	Further Evaluation	749b	2220.597301
61	Further Evaluation	707b	1421.405276
62	Further Evaluation	722b	1413.005809
63	Further Evaluation	760b	684.5667026
64	Further Evaluation	695b	315.0129169
65	Monitoring	1276c	13963989.5
66	Monitoring	1272c	4951527.762
67	Monitoring	1266c	3424826.982
68	Monitoring	1270c	2512354.034
69	Monitoring	1279c	2261516.713
70	Monitoring	1253c	628786.5036
71	Monitoring	972c	390995.8674
72	Monitoring	970c	99502.95889
73	Monitoring	965c	44379.88073
74	Monitoring	391c	32745.15893
75	Monitoring	432c	26833.85248
76	Monitoring	397c	25911.71543
77	Monitoring	410c	21468.02425
78	Monitoring	372c	18137.50918
79	Monitoring	471c	18105.93009
80	Monitoring	411c	17489.00695
81	Monitoring	475c	16973.01984
82	Monitoring	417c	15389.29257
83	Monitoring	492c	15305.69285
84	Monitoring	467c	14960.6975
85	Monitoring	371c	13197.13662
86	Monitoring	415c	12290.29949
87	Monitoring	964c	10360.43897
88	Monitoring	461c	9913.783743
89	Monitoring	439c	9594.954329
90	Monitoring	963c	9392.620072
	Monitoring	447c	9138.084483
	Monitoring	406c	8708.758666
	Monitoring	416c	8292.880045
	Monitoring	375c	8022.121009
95	Monitoring	422c	7701.556402
	Monitoring	359c	7622.39998
	Monitoring	966c	7001.575039
	Monitoring	463c	6390.676305
	Monitoring	400c	6306.420293
	Monitoring	968c	6196.945702
	Monitoring	421c	6012.611055
	Monitoring	974c	5653.437865
	Monitoring	413c	4914.389988
	Monitoring	419c	4696.384896
	Monitoring	977c	4346.704128
	Monitoring	369c	4085.769309
	Monitoring	458c	3843.98561
	Monitoring	409c	3103.715134
	Monitoring	987c	2768.686022
	Monitoring	985c	1382.968667
111	Monitoring	978c	40.78005062

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Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	624a	1134906.509
	2 Site Visit / Action Recommended	651a	307821.065
	3 Site Visit / Action Recommended	619a	270531.8349
	4 Site Visit / Action Recommended	652a	159603.8623
	5 Site Visit / Action Recommended	625a	138496.8707
	6 Site Visit / Action Recommended	663a	114525.2706
	7 Site Visit / Action Recommended	674a	110160.6402
	8 Site Visit / Action Recommended	692a	98407.95391
	9 Site Visit / Action Recommended	668a	62525.72882
	0 Site Visit / Action Recommended	578a	60468.73936
	1 Site Visit / Action Recommended	702a	53566.12092
	2 Site Visit / Action Recommended	669a	49185.53986
	3 Site Visit / Action Recommended	660a	34512.13123
	4 Site Visit / Action Recommended	643a	33214.48107
	5 Site Visit / Action Recommended	599a	28061.03245
	6 Site Visit / Action Recommended	616a	24306.70185
	7 Site Visit / Action Recommended	689a	22361.04238
-	8 Site Visit / Action Recommended	646a	22353.85071
	9 Site Visit / Action Recommended	676a	22225.86122
	0 Site Visit / Action Recommended	618a	20305.77402
	1 Site Visit / Action Recommended 2 Site Visit / Action Recommended	679a 666a	18534.21813
	3 Site Visit / Action Recommended	610a	17509.08478 17267.27731
_	4 Site Visit / Action Recommended	657a	16863.77401
	5 Site Visit / Action Recommended	622a	14819.37943
	6 Site Visit / Action Recommended	678a	14246.32212
	7 Site Visit / Action Recommended	650a	13715.02794
	8 Site Visit / Action Recommended	673a	13306.23167
	9 Site Visit / Action Recommended	677a	13220.06695
	0 Site Visit / Action Recommended	696a	13069.95537
3	1 Site Visit / Action Recommended	609a	12559.06923
3	2 Site Visit / Action Recommended	574a	11714.1374
3	3 Site Visit / Action Recommended	671a	11216.77028
3	4 Site Visit / Action Recommended	604a	10781.35256
3	5 Site Visit / Action Recommended	601a	10374.19102
3	6 Site Visit / Action Recommended	658a	9753.618031
	7 Site Visit / Action Recommended	605a	8726.224143
3	8 Site Visit / Action Recommended	595a	8573.685129
_	9 Site Visit / Action Recommended	654a	8549.136749
	0 Site Visit / Action Recommended	641a	7498.509071
	1 Site Visit / Action Recommended	647a	7288.939941
•	2 Site Visit / Action Recommended	656a	7233.988944
	3 Site Visit / Action Recommended	690a	7085.034722
	4 Site Visit / Action Recommended	635a	6784.195981
	5 Site Visit / Action Recommended	615a	6048.693272 5963.608276
	6 Site Visit / Action Recommended 7 Site Visit / Action Recommended	691a 645a	5748.471094
	8 Site Visit / Action Recommended	644a	5748.471094
	9 Site Visit / Action Recommended	662a	5416.260468
	0 Site Visit / Action Recommended	659a	5313.920344
_	1 Site Visit / Action Recommended	670a	4826.023764
_	2 Site Visit / Action Recommended	661a	4752.401891
_	3 Site Visit / Action Recommended	649a	4720.550414
_	4 Site Visit / Action Recommended	653a	4620.470127
_	5 Site Visit / Action Recommended	631a	4257.808437
	6 Site Visit / Action Recommended	634a	4174.277274
5	7 Site Visit / Action Recommended	606a	4086.754733
5	8 Site Visit / Action Recommended	683a	3669.055772
5	9 Site Visit / Action Recommended	667a	3403.917263

Rank	Action 3	Area Name	Area (m^2)
	Further Evaluation	951b	6490.559913
	Further Evaluation	946b	6428.019689
	Further Evaluation	865b	5996.172916
	Further Evaluation	866b	5926.208867
	Further Evaluation	923b	5628.203489
_	Further Evaluation	917b	5595.865491
	Further Evaluation	907b	5563.748253
_	Further Evaluation	954b	5341.496086
	Further Evaluation	230b	5218.814348
	Further Evaluation	932b	4832.264596
	Further Evaluation	919b	4802.336244
	Further Evaluation	893b	4743.129074
	Further Evaluation	849b	4529.568563
	Further Evaluation	873b	4446.356431
133	Further Evaluation	963b	3827.478727
134	Further Evaluation	957b	3225.322457
135	Further Evaluation	888b	1787.614369
136	Further Evaluation	870b	1724.070214
137	Further Evaluation	942b	1206.35814
138	Monitoring	1369c	64721130.45
139	Monitoring	1367c	5630803.66
140	Monitoring	1358c	3789589.574
141	Monitoring	1355c	2571884.944
142	Monitoring	1386c	2130119.174
143	Monitoring	1371c	1627178.378
144	Monitoring	1350c	699178.7385
145	Monitoring	1381c	238529.2662
146	Monitoring	1352c	222584.7924
147	Monitoring	606c	64874.50009
148	Monitoring	619c	54201.94363
	Monitoring	1340c	53450.99626
	Monitoring	643c	37774.57348
	Monitoring	1375c	32503.57002
	Monitoring	621c	27107.91017
	Monitoring	641c	26235.93432
	Monitoring	1025c	20480.96277
	Monitoring	1021c	19475.29407
	Monitoring	645c	14844.91884
	Monitoring	1030c	14070.56556
	Monitoring	610c	13362.38894
	Monitoring	661c	13294.20249
	Monitoring	649c	11968.38834
	Monitoring	662c	11455.98088
	Monitoring	1370c	10188.33809
	Monitoring	1035c	9001.181467
	Monitoring	1022c	8092.79501
	Monitoring Manitoring	607c	7560.232991 7106.897448
	Monitoring Manitoring	646c	
	Monitoring Manitoring	1024c	5092.094634
	Monitoring Monitoring	611c 1033c	5031.88386 4616.534907
	Monitoring	620c	4273.373364
	Monitoring	1027c	3831.642918
	<u> </u>		
	Monitoring Monitoring	647c 1034c	3696.077302 3007.026469
	Monitoring	1023c	2646.374982
	Monitoring	1320c	1046.686232
	Monitoring	1324c	430.1782172
	Monitoring	1327c	421.7541244
177	ormg	10210	121.1041274

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Rank	Action	Area Name	Area (m^2)
178 Monit	oring	1321c	169.9190525
179 Monit	oring	1331c	73.35354555
180 Monit	oring	1330c	28.64838569

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Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	638a	507930.1534
	2 Site Visit / Action Recommended3 Site Visit / Action Recommended	727a	181035.2247
	4 Site Visit / Action Recommended	776a	159582.5584
	5 Site Visit / Action Recommended	730a 762a	131338.0795 120381.1455
	6 Site Visit / Action Recommended	762a 775a	105523.4102
	7 Site Visit / Action Recommended	775a 772a	
	8 Site Visit / Action Recommended	772a 737a	102513.0838 101029.9012
	9 Site Visit / Action Recommended	737a 723a	85974.27403
	10 Site Visit / Action Recommended	723a 717a	74586.65784
	11 Site Visit / Action Recommended	717a 769a	59982.49377
	12 Site Visit / Action Recommended	767a	57857.31418
	13 Site Visit / Action Recommended	707a 712a	56106.13375
	14 Site Visit / Action Recommended	712a 729a	52481.94161
	15 Site Visit / Action Recommended	738a	50650.0404
	16 Site Visit / Action Recommended	734a	47298.14824
	17 Site Visit / Action Recommended	697a	33499.62519
	18 Site Visit / Action Recommended	735a	32171.43816
	19 Site Visit / Action Recommended	704a	29400.76834
	20 Site Visit / Action Recommended	733a	25501.42012
	21 Site Visit / Action Recommended	724a	19901.85181
	22 Site Visit / Action Recommended	763a	12124.1775
	23 Site Visit / Action Recommended	751a	12000.66045
	24 Site Visit / Action Recommended	716a	11718.1327
	25 Site Visit / Action Recommended	636a	11708.75496
	26 Site Visit / Action Recommended	736a	10966.08795
	27 Site Visit / Action Recommended	740a	9646.816011
	28 Site Visit / Action Recommended	731a	9528.714149
	29 Site Visit / Action Recommended	748a	9308.905614
	30 Site Visit / Action Recommended	746a	9129.696083
	31 Site Visit / Action Recommended	766a	9100.030031
	32 Site Visit / Action Recommended	698a	7733.556566
	33 Site Visit / Action Recommended	720a	7020.95984
	34 Site Visit / Action Recommended	761a	6381.451607
	35 Site Visit / Action Recommended	715a	6352.763109
	36 Site Visit / Action Recommended	713a	6162.516033
	37 Site Visit / Action Recommended	732a	5446.616552
	38 Site Visit / Action Recommended	777a	4658.623629
	39 Site Visit / Action Recommended	784a	4499.52311
	40 Site Visit / Action Recommended	722a	4464.565546
	41 Site Visit / Action Recommended	768a	4429.480456
	42 Further Evaluation	916b	273442.2334
	43 Further Evaluation	241b	60707.42229
	44 Further Evaluation	989b	53911.33119
	45 Further Evaluation	996b	53022.9175
	46 Further Evaluation	1002b	40787.17187
	47 Further Evaluation	240b	38919.09616
	48 Further Evaluation	1000b	37066.81386
	49 Further Evaluation	974b	31673.30336
	50 Further Evaluation	911b	25466.11918
	51 Further Evaluation	268b	22041.60608
	52 Further Evaluation	982b	20158.22401
	53 Further Evaluation	1040b	19418.6081
	54 Further Evaluation	1037b	17051.8809
	55 Further Evaluation	998b	16273.75033
	56 Further Evaluation	973b	15948.73039
	57 Further Evaluation	999b	15708.34521
	58 Further Evaluation	1025b	15465.03251
	59 Further Evaluation	1042b	14274.61422

Dank	2 Action	Avon Nama	A #00 (m A2)
Rank	Action Further Evaluation	Area Name 265b	Area (m^2) 12594.31052
	Further Evaluation	981b	10646.33781
	Further Evaluation	992b	10642.03706
	Further Evaluation	248b	9284.06175
	Further Evaluation	1003b	8727.756464
	Further Evaluation	995b	6536.199751
	Further Evaluation	975b	6059.723206
	Further Evaluation	990b	6005.198225
68	Further Evaluation	979b	5977.004822
69	Further Evaluation	247b	5733.97769
70	Further Evaluation	997b	5569.058979
71	Further Evaluation	934b	5300.205612
72	Further Evaluation	243b	4726.215203
73	Further Evaluation	249b	4450.10665
74	Further Evaluation	1017b	2952.819487
75	Further Evaluation	1005b	2568.464373
76	Further Evaluation	991b	2383.715643
77	Further Evaluation	984b	1898.329996
78	Further Evaluation	1039b	1058.416717
79	Further Evaluation	993b	942.6616623
	Further Evaluation	986b	467.7023051
	Monitoring	1392c	9195366.966
	Monitoring	1366c	5056383.645
	Monitoring	1390c	2960491.403
	Monitoring	1406c	2819053.652
	Monitoring	1377c	1505991.628
	Monitoring	1394c	384051.3973
	Monitoring	704c	221589.6903
	Monitoring	696c	97387.29195
	Monitoring	701c	52540.1559
	Monitoring Manitoring	678c	44271.81097
	Monitoring Monitoring	729c 705c	40728.22723 35887.48459
	Monitoring	676c	34450.10518
	Monitoring	660c	33429.8508
	Monitoring	735c	25374.41927
	Monitoring	1391c	16781.3076
	Monitoring	1388c	16417.62984
	Monitoring	703c	16245.13564
	Monitoring	682c	14279.03694
	Monitoring	739c	14170.17161
	Monitoring	683c	13055.04835
	Monitoring	706c	12759.55123
	Monitoring	694c	12493.66548
	Monitoring	697c	11887.81821
105	Monitoring	700c	11695.87385
106	Monitoring	702c	11677.10434
107	Monitoring	738c	10796.96258
108	Monitoring	1048c	10053.91079
	Monitoring	713c	9911.086953
	Monitoring	736c	8884.676239
	Monitoring	737c	8271.295993
	Monitoring	712c	7859.480473
	Monitoring	734c	6436.892353
	Monitoring	742c	5960.205474
	Monitoring	681c	5800.228544
	Monitoring	750c	5607.283343
	Monitoring	711c	3701.474154
118	Monitoring	1389c	2065.218637

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Rank	Action	Area Name	Area (m^2)
119 Monitori	ng	1058c	1925.397301
120 Monitori	ng	1036c	1921.944662
121 Monitori	ng	1039c	1738.680938
122 Monitori	ng	1061c	1463.125945
123 Monitori	ng	1063c	1412.699635
124 Monitori	ng	1047c	476.6002664
125 Monitori	ng	688c	412.1463068
126 Monitori	ng	1062c	382.3214451

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Rank	Action 1. Site Visit / Action Recommended	Area Name	Area (m^2)
	1 Site Visit / Action Recommended 2 Site Visit / Action Recommended	359a 250a	637399.2812 470934.3628
	3 Site Visit / Action Recommended	357a	127811.8558
	4 Site Visit / Action Recommended	352a	76319.18913
	5 Site Visit / Action Recommended	251a	52262.64334
(6 Site Visit / Action Recommended	267a	44362.15045
	7 Site Visit / Action Recommended	236a	28244.86845
1	8 Site Visit / Action Recommended	306a	27892.49217
!	9 Site Visit / Action Recommended	385a	25642.82715
	0 Site Visit / Action Recommended	361a	19315.5956
-	1 Site Visit / Action Recommended	278a	15990.98559
	2 Site Visit / Action Recommended	248a	14326.87235
•	3 Site Visit / Action Recommended	339a	8536.422606
-	4 Site Visit / Action Recommended 5 Site Visit / Action Recommended	384a 355a	6217.154775 5864.508687
	6 Site Visit / Action Recommended	245a	5688.994349
•	7 Site Visit / Action Recommended	240a	5603.273036
-	8 Site Visit / Action Recommended	353a	4706.112252
	9 Site Visit / Action Recommended	259a	4284.843382
2	0 Further Evaluation	654b	76328.24497
2	1 Further Evaluation	546b	32261.34097
2:	2 Further Evaluation	655b	21865.49747
2	3 Further Evaluation	111b	19175.13547
2	4 Further Evaluation	110b	19081.62737
	5 Further Evaluation	583b	17713.08523
	6 Further Evaluation	650b	15348.57568
	7 Further Evaluation	535b	14561.96845
	8 Further Evaluation	541b	8150.493213
	9 Further Evaluation	538b	7695.852194
	0 Further Evaluation 1 Further Evaluation	547b	5297.733751
	7 Further Evaluation 2 Further Evaluation	658b 561b	2535.849847 2175.421276
	3 Further Evaluation	572b	976.3068335
_	4 Monitoring	1199c	6487405.761
	5 Monitoring	1200c	1869951.196
	6 Monitoring	1206c	1494842.96
	7 Monitoring	1239c	1119169.096
3	8 Monitoring	1237c	819958.0917
3	9 Monitoring	1243c	652157.0929
	0 Monitoring	341c	156658.8905
	1 Monitoring	234c	42279.40624
	2 Monitoring	899c	32016.90968
	3 Monitoring	235c	31053.47548
	4 Monitoring	900c	30302.09451
	5 Monitoring 6 Monitoring	333c 337c	24843.23844 22123.87885
	7 Monitoring	331c	20520.78568
	8 Monitoring	230c	17084.10611
	9 Monitoring	226c	15665.0529
	0 Monitoring	241c	15181.29339
	1 Monitoring	326c	13789.98952
	2 Monitoring	325c	12334.04401
	3 Monitoring	345c	8716.264961
5-	4 Monitoring	324c	7345.792969
5	5 Monitoring	1196c	7323.369236
	6 Monitoring	280c	6877.50339
	7 Monitoring	332c	5399.644981
	8 Monitoring	236c	5332.625198
5	9 Monitoring	294c	5221.360258

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Rank	Action	Area Name	Area (m^2)
60 Monitori	ng	381c	5089.93508
61 Monitori	ng	343c	5039.929843
62 Monitorii	ng	335c	5037.108619
63 Monitori	ng	936c	4980.760614
64 Monitori	ng	267c	4893.63711
65 Monitori	ng	269c	4141.365424
66 Monitori	ng	921c	3876.363302
67 Monitori	ng	344c	3630.732576
68 Monitori	ng	1205c	2598.509375
69 Monitori	ng	339c	1739.064692
70 Monitori	ng	954c	1196.921148
71 Monitori	ng	935c	461.64257

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Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	383a	260163.7495
	2 Site Visit / Action Recommended	340a	130792.7205
	3 Site Visit / Action Recommended	379a	106545.5038
	4 Site Visit / Action Recommended 5 Site Visit / Action Recommended	387a	22348.95196
	Site Visit / Action Recommended	350a 241a	22080.86327 19599.63066
	7 Site Visit / Action Recommended	320a	15289.43748
	Site Visit / Action Recommended	354a	11419.34869
	9 Site Visit / Action Recommended	356a	9921.087762
	Site Visit / Action Recommended	222a	6471.149614
	1 Site Visit / Action Recommended	324a	6420.837344
=	2 Site Visit / Action Recommended	237a	6399.686945
	3 Site Visit / Action Recommended	365a	5870.296972
14	4 Site Visit / Action Recommended	317a	5860.937563
15	5 Site Visit / Action Recommended	369a	4378.535798
10	Site Visit / Action Recommended	238a	4121.312616
17	7 Further Evaluation	109b	378876.3378
18	3 Further Evaluation	639b	360609.8602
19	9 Further Evaluation	131b	106160.1234
20	Contract Further Evaluation	653b	41114.60782
2	1 Further Evaluation	106b	38053.60509
22	2 Further Evaluation	684b	26209.0869
23	3 Further Evaluation	625b	21173.36543
24	4 Further Evaluation	108b	20309.24967
	5 Further Evaluation	621b	18556.50558
	6 Further Evaluation	664b	16836.1074
	7 Further Evaluation	112b	16422.50408
	8 Further Evaluation	646b	12759.19843
	9 Further Evaluation	633b	12351.81045
	Control Further Evaluation	533b	9645.75586
	1 Further Evaluation	76b	5335.291826
	2 Further Evaluation	565b	4488.078728
-	3 Further Evaluation 4 Further Evaluation	537b	4467.567084
-	Further Evaluation 5 Further Evaluation	525b 100b	4377.736071 4310.350886
_	6 Further Evaluation	647b	3864.414264
-	7 Further Evaluation	637b	3304.024936
_	B Further Evaluation	620b	2450.688029
	9 Further Evaluation	667b	2433.816692
_	Further Evaluation	677b	693.4560961
	1 Monitoring	1233c	4418796.263
	2 Monitoring	1242c	2790849.072
	3 Monitoring	1252c	2776644.444
	4 Monitoring	1192c	2593029.485
	5 Monitoring	1226c	2479759.371
	6 Monitoring	1235c	1287455.201
	7 Monitoring	1223c	374949.4336
48	3 Monitoring	1234c	204820.8849
49	9 Monitoring	221c	132538.4405
50) Monitoring	362c	86737.81768
5 ⁻	1 Monitoring	1224c	68903.85695
52	2 Monitoring	376c	28812.82967
	3 Monitoring	361c	22471.74231
54	4 Monitoring	318c	18338.77116
	5 Monitoring	937c	18138.16193
	6 Monitoring	949c	13528.977
	7 Monitoring	314c	11718.90013
	3 Monitoring	305c	10945.75223
59	9 Monitoring	959c	9090.707548

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Rank	Action	Area Name	Area (m^2)
60 Monito	oring	212c	7950.222438
61 Monito	oring	374c	7584.937397
62 Monito	oring	239c	7038.520131
63 Monito	oring	389c	6760.940757
64 Monito	oring	237c	5741.152244
65 Monito	oring	393c	4539.085609
66 Monito	oring	370c	4344.689087
67 Monito	oring	930c	4331.49627
68 Monito	oring	923c	2373.219956
69 Monito	oring	932c	388.3989607

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Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	67a	265246.8748
	2 Site Visit / Action Recommended	120a	193021.2978
	3 Site Visit / Action Recommended	137a	185191.5171
	4 Site Visit / Action Recommended	49a	169572.3352
	5 Site Visit / Action Recommended 6 Site Visit / Action Recommended	71a	74395.66318
	7 Site Visit / Action Recommended	57a 181a	26827.57698 26159.11542
	8 Site Visit / Action Recommended	70a	23523.44823
	9 Site Visit / Action Recommended	70a 54a	16184.63175
	O Site Visit / Action Recommended	89a	13093.6468
	1 Site Visit / Action Recommended	151a	12480.74135
	2 Site Visit / Action Recommended	68a	11823.22949
	3 Site Visit / Action Recommended	153a	7901.381945
	4 Site Visit / Action Recommended	143a	7150.457866
	5 Site Visit / Action Recommended	52a	6738.075734
	6 Site Visit / Action Recommended	56a	6632.696424
1	7 Site Visit / Action Recommended	149a	6026.686565
18	8 Site Visit / Action Recommended	171a	5418.429669
19	9 Site Visit / Action Recommended	202a	4987.230623
20	0 Site Visit / Action Recommended	117a	4347.057281
2	1 Site Visit / Action Recommended	132a	4254.925531
2:	2 Site Visit / Action Recommended	53a	4004.32907
23	3 Further Evaluation	68b	190322.7307
24	4 Further Evaluation	429b	77173.39479
2	5 Further Evaluation	464b	47636.9169
20	6 Further Evaluation	60b	45458.69365
2	7 Further Evaluation	351b	32389.2969
28	8 Further Evaluation	414b	30362.65477
	9 Further Evaluation	371b	26763.68418
	0 Further Evaluation	61b	24792.31632
	1 Further Evaluation	39b	24146.79562
	2 Further Evaluation	35b	22137.15582
	3 Further Evaluation	36b	16153.72243
-	4 Further Evaluation	426b	12364.76058
_	5 Further Evaluation	350b	12071.21174
-	6 Further Evaluation	367b	10992.0742
-	7 Further Evaluation	382b	10236.43149
	8 Further Evaluation 9 Further Evaluation	47b	8491.678044
	9 Further Evaluation 0 Further Evaluation	365b 503b	8254.128202
-	7 Further Evaluation 1 Further Evaluation		7274.049532
	2 Further Evaluation	347b 43b	6048.293539 3862.557822
	3 Further Evaluation	348b	2507.865678
	4 Further Evaluation	358b	2402.01084
	5 Monitoring	1131c	4732937.111
	6 Monitoring	1173c	4002513.427
	7 Monitoring	1182c	3270043.145
	8 Monitoring	1165c	2927945.51
	9 Monitoring	1104c	2310027.409
	O Monitoring	1169c	1624245.793
	1 Monitoring	1170c	1294427.173
	2 Monitoring	1109c	1113343.777
	3 Monitoring	1122c	1089963.533
	4 Monitoring	1113c	757024.1174
	5 Monitoring	879c	355022.2822
	6 Monitoring	116c	266235.3864
	7 Monitoring	134c	187387.9969
	8 Monitoring	1166c	143206.2958
	9 Monitoring	891c	66367.97826
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Rank	Action	Area Name	Area (m^2)
60 Monitoring		15c	54752.68137
61 Monitoring		169c	50687.38351
62 Monitoring		142c	45374.07283
63 Monitoring		1164c	44954.32665
64 Monitoring		125c	39122.15855
65 Monitoring		23c	35887.65617
66 Monitoring		863c	25823.69711
67 Monitoring		860c	25747.51066
68 Monitoring		141c	24327.22014
69 Monitoring		83c	23080.39148
70 Monitoring		109c	21719.53
71 Monitoring		200c	21178.02249
72 Monitoring		180c	20707.07778
73 Monitoring		166c	20606.33763
74 Monitoring		135c	20000.42195
75 Monitoring		28c	19760.41712
76 Monitoring		80c	18350.31541
77 Monitoring		25c	17278.48267
78 Monitoring		67c	16109.28101
79 Monitoring		133c	14315.67257
80 Monitoring		92c	13373.90657
81 Monitoring		78c	12571.91058
82 Monitoring		878c	7850.846196
83 Monitoring		63c	7440.119458
84 Monitoring		151c	7095.456877
85 Monitoring		36c	6710.780519
86 Monitoring		886c	6603.158262
87 Monitoring		30c	6257.485948
88 Monitoring		68c	6055.731415
89 Monitoring		75c	5938.622224
90 Monitoring		56c	5713.290943
91 Monitoring		57c	5627.07148
92 Monitoring		64c	5612.46001
93 Monitoring		49c	5376.551858
94 Monitoring		33c	5188.501177
95 Monitoring		837c	4897.588665
96 Monitoring		144c	4843.24076
97 Monitoring		72c	4524.393366
98 Monitoring		24c	4427.611079
99 Monitoring		71c	3792.13448
100 Monitoring		164c	2943.055187

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Rank	Action 1	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	118a	1198932.436
	2 Site Visit / Action Recommended3 Site Visit / Action Recommended	152a 174a	1100457.976
	4 Site Visit / Action Recommended		881117.8219
	5 Site Visit / Action Recommended	169a 188a	598123.2123 517745.6337
	6 Site Visit / Action Recommended	159a	423014.9459
	7 Site Visit / Action Recommended	220a	342188.9728
	8 Site Visit / Action Recommended	138a	315744.367
	9 Site Visit / Action Recommended	224a	207577.2089
	10 Site Visit / Action Recommended	77a	204101.4498
	11 Site Visit / Action Recommended	125a	198057.5935
	12 Site Visit / Action Recommended	165a	170021.5848
	13 Site Visit / Action Recommended	136a	162954.4628
	14 Site Visit / Action Recommended	160a	159677.9531
	15 Site Visit / Action Recommended	198a	125289.4426
	16 Site Visit / Action Recommended	7a	102776.4084
	17 Site Visit / Action Recommended	195a	99322.19829
	18 Site Visit / Action Recommended	2a	85666.32176
	19 Site Visit / Action Recommended	216a	82625.99797
	20 Site Visit / Action Recommended	221a	75906.37744
	21 Site Visit / Action Recommended	201a	75669.41723
	22 Site Visit / Action Recommended	172a	67895.62366
	23 Site Visit / Action Recommended	101a	64623.61394
	24 Site Visit / Action Recommended	209a	60885.84691
	25 Site Visit / Action Recommended	142a	55870.12083
	26 Site Visit / Action Recommended	204a	55387.14909
	27 Site Visit / Action Recommended	158a	54533.61713
	28 Site Visit / Action Recommended 29 Site Visit / Action Recommended	211a 141a	51852.81336
	30 Site Visit / Action Recommended	141a 178a	45861.13326 43976.38887
	31 Site Visit / Action Recommended	200a	41524.97025
	32 Site Visit / Action Recommended	213a	41166.67957
	33 Site Visit / Action Recommended	192a	37578.25104
	34 Site Visit / Action Recommended	6a	34995.69646
	35 Site Visit / Action Recommended	208a	34677.02037
	36 Site Visit / Action Recommended	16a	33389.7368
	37 Site Visit / Action Recommended	176a	32213.52696
	38 Site Visit / Action Recommended	190a	30999.0751
	39 Site Visit / Action Recommended	163a	30001.07863
	40 Site Visit / Action Recommended	144a	27702.47869
	41 Site Visit / Action Recommended	140a	26005.13959
	42 Site Visit / Action Recommended	139a	24456.32273
	43 Site Visit / Action Recommended	164a	24253.80171
	44 Site Visit / Action Recommended	177a	23291.03523
	45 Site Visit / Action Recommended	127a	20905.491
	46 Site Visit / Action Recommended	184a	20890.502
	47 Site Visit / Action Recommended	93a	18036.46907
	48 Site Visit / Action Recommended	14a	16466.75437
	49 Site Visit / Action Recommended 50 Site Visit / Action Recommended	193a	16319.51379
	51 Site Visit / Action Recommended	133a 191a	15124.30516 13878.3479
	52 Site Visit / Action Recommended	191a 126a	12932.82714
	53 Site Visit / Action Recommended	35a	11104.0042
	54 Site Visit / Action Recommended	156a	11042.37756
	55 Site Visit / Action Recommended	182a	7175.4218
	56 Site Visit / Action Recommended	1a	6734.029171
	57 Site Visit / Action Recommended	109a	6690.668666
	58 Site Visit / Action Recommended	183a	6639.33243
	59 Site Visit / Action Recommended	180a	6362.843331

Rank Action Area Name Area (m²2) 60 Site Visit / Action Recommended 61 Site Visit / Action Recommended 217a 5301.112639 62 Site Visit / Action Recommended 206a 4814.898899 64 Site Visit / Action Recommended 206a 4814.898899 65 Site Visit / Action Recommended 12a 4570.140845 66 Site Visit / Action Recommended 24a 4530.127714 67 Site Visit / Action Recommended 24a 4530.127714 67 Site Visit / Action Recommended 24a 4530.127714 67 Site Visit / Action Recommended 24a 4530.127714 68 Further Evaluation 455b 432531.0413 70 Further Evaluation 455b 432531.0413 70 Further Evaluation 462b 316062.9942 72 Further Evaluation 45b 297027.8528 74 Further Evaluation 41b 294032.99651 75 Further Evaluation 41b 294032.99651 75 Further Evaluation 41b 29202.5181 76 Further Evaluation 41b 29202.5181 77 Further Ev		2		
61 Site Visit / Action Recommended 62 Site Visit / Action Recommended 63 Site Visit / Action Recommended 64 Site Visit / Action Recommended 65 Site Visit / Action Recommended 65 Site Visit / Action Recommended 65 Site Visit / Action Recommended 66 Site Visit / Action Recommended 67 Site Visit / Action Recommended 68 Further Evaluation 68 Further Evaluation 69 Further Evaluation 70 Further Evaluation 71 Further Evaluation 70 Further Evaluation 71 Further Evaluation 72 Further Evaluation 73 Further Evaluation 74 Further Evaluation 75 Further Evaluation 76 Further Evaluation 77 Further Evaluation 78 Further Evaluation 79 Further Evaluation 79 Further Evaluation 70 Further Evaluation 70 Further Evaluation 71 Further Evaluation 72 Further Evaluation 73 Further Evaluation 74 Further Evaluation 75 Further Evaluation 76 Further Evaluation 77 Further Evaluation 78 Further Evaluation 79 Further Evaluation 70 Further Evaluation 71 Further Eval	Rank	Action	Area Name	Area (m^2)
62 Site Visit / Action Recommended 63 Site Visit / Action Recommended 64 Site Visit / Action Recommended 65 Site Visit / Action Recommended 66 Site Visit / Action Recommended 66 Site Visit / Action Recommended 67 Site Visit / Action Recommended 68 Site Visit / Action Recommended 69 Site Visit / Action Recommended 69 Site Visit / Action Recommended 60 Site Visit / Action Recommended 61 Site Visit / Action Recommended 62 Site Visit / Action Recommended 63 Further Evaluation 64 Site Visit / Action Recommended 65 Site Visit / Action Recommended 66 Further Evaluation 67 Site Visit / Action Recommended 68 Further Evaluation 69 Further Evaluation 60 Further Evaluation 61 Site Visit / Action Recommended 62 Site Visit / Action Recommended 64 Site Visit / Action Recommended 65 Site Visit / Action Recommended 66 Site Visit / Action Recommended 66 Site Visit / Action Recommended 66 Site Visit / Action Recommended 67 Site Visit / Action Recommended 67 Site Visit / Action Recommended 68 Further Evaluation 69 Further Evaluation 60 Further Evaluation 60 Further Evaluation 61 Site Visit / Action Recommended 62 Site Visit / Action Recommended 64 Site Visit / Action Recommended 65 Site Visit / Action Recommended 66 Site Visit / Action Recommended 66 Site Visit / Action Recommended 66 Site Visit / Action Recommended 67 Site Visit / Action Recommended 67 Site Visit / Action Recommended 68 Further Evaluation 69 Further Evaluation 60 Further Evaluation 60 Further Evaluation 61 Further Evaluation 62 Further Evaluation 62 Further Evaluation 63 Supplementaries Supplementaries Supplementaries Supplementaries Supplementaries Supplementaries Supplementaries Supplementaries			_	
63 Site Visit / Action Recommended 64 Site Visit / Action Recommended 65 Site Visit / Action Recommended 66 Site Visit / Action Recommended 66 Site Visit / Action Recommended 67 Site Visit / Action Recommended 68 Further Evaluation 69 Further Evaluation 69 Further Evaluation 70 Further Evaluation 70 Further Evaluation 71 Further Evaluation 72 Further Evaluation 73 Further Evaluation 73 Further Evaluation 74 Further Evaluation 75 Further Evaluation 76 Further Evaluation 77 Further Evaluation 78 Further Evaluation 79 Further Evaluation 70 Further Evaluation 70 Further Evaluation 70 Further Evaluation 71 Further Evaluation 72 Further Evaluation 73 Further Evaluation 74 Further Evaluation 75 Further Evaluation 76 Further Evaluation 77 Further Evaluation 78 Further Evaluation 80 Further Evaluation 81 Further Evaluation 82 Further Evaluation 83 Further Evaluation 84 Further Evaluation 84 Further Evaluation 85 Further Evaluation 86 Further Evaluation 87 Further Evaluation 88 Further Evaluation 89 Further Evaluation 89 Further Evaluation 90 Further Evaluation 91 Further Evaluation 92 Further Evaluation 94 Further Evaluation 95 Further Evaluation 96 Further Evaluation 97 Further Evaluation 98 Further Evaluation 99 Further Evaluation 90 Further Evaluation 90 Further Evaluation 91 Further Evaluation 92 Further Evaluation 94 Further Evaluation 95 Further Evaluation 96 Further Evaluation 97 Further Evaluation 98 Further Evaluation 99 Further Evaluation 99 Further Evaluation 90 Further				
64 Site Visit / Action Recommended 65 Site Visit / Action Recommended 66 Site Visit / Action Recommended 77 Site Visit / Action Recommended 78 Site Visit / Action Recommended 79 Site Visit / Action Recommended 79 Site Visit / Action Recommended 70 Site Visit / Action Recommended 71 Site Visit / Action Recommended 71 Site Visit / Action Recommended 72 Site Visit / Action Recommended 73 Site Visit / Action Recommended 74 Site Visit / Action Recommended 75 Further Evaluation 76 Further Evaluation 77 Further Evaluation 78 Site Visit / Action Recommended 79 Site Visit / Action Recommended 70 Further Evaluation 71 Further Evaluation 72 Further Evaluation 73 Further Evaluation 74 Further Evaluation 75 Further Evaluation 76 Further Evaluation 77 Further Evaluation 78 Further Evaluation 79 Further Evaluation 70 Further Evaluation 70 Further Evaluation 71 Further Evaluation 72 Further Evaluation 73 Further Evaluation 74 Further Evaluation 75 Further Evaluation 76 Further Evaluation 77 Further Evaluation 78 Further Evaluation 79 Further Evaluation 70 Further Evaluation 70 Further Evaluation 70 Further Evaluation 71 Further Evaluation 72 Further Evaluation 73 Further Evaluation 74 Further Evaluation 75				
65 Site Visit / Action Recommended 66 Site Visit / Action Recommended 67 Site Visit / Action Recommended 68 Further Evaluation 68 Further Evaluation 69 Further Evaluation 69 Further Evaluation 69 Further Evaluation 69 Further Evaluation 60 Further Evaluation 60 Further Evaluation 60 Further Evaluation 60 Further Evaluation 61 Further Evaluation 62 Further Evaluation 63 Further Evaluation 64 Further Evaluation 65 Further Evaluation 66 Site Visit / Site Visi				
66 Site Visit / Action Recommended 24a 4530.127714 67 Site Visit / Action Recommended 22a 4073.339489 68 Further Evaluation 455b 432531.0413 70 Further Evaluation 455b 432531.0413 71 Further Evaluation 50b 423300.6932 72 Further Evaluation 462b 316062.9942 73 Further Evaluation 41b 297027.8528 74 Further Evaluation 41b 297027.8528 75 Further Evaluation 51b 287246.3547 76 Further Evaluation 51b 287246.3547 76 Further Evaluation 412b 252902.5181 77 Further Evaluation 412b 252902.5181 78 Further Evaluation 48b 249724.6071 79 Further Evaluation 48b 249724.6071 79 Further Evaluation 48cb 154358.5473 81 Further Evaluation 48cb 154358.5473 81 Further Evaluation 40b 150048.2088 83 Further Evaluation 40b 150648.2088 84 Further Evaluation 49c <td>-</td> <td></td> <td></td> <td></td>	-			
67 Site Visit / Action Recommended 68 Further Evaluation 69 Further Evaluation 437b 543874,753 69 Further Evaluation 432b 423746,6034 71 Further Evaluation 50b 423300,6932 72 Further Evaluation 462b 316062,9942 73 Further Evaluation 431b 297027,8528 74 Further Evaluation 444b 224032,9651 75 Further Evaluation 51b 287246,3547 76 Further Evaluation 51b 287246,3547 76 Further Evaluation 517b 264615,618 77 Further Evaluation 517b 264615,618 77 Further Evaluation 412b 252902,5181 78 Further Evaluation 417b 167774,6629 80 Further Evaluation 417b 167774,6629 81 Further Evaluation 482b 154358,5473 81 Further Evaluation 506b 152988,0275 82 Further Evaluation 40b 150048,2088 83 Further Evaluation 40b 150048,2088 83 Further Evaluation 40b 157048,2088 84 Further Evaluation 514b 117393,2201 86 Further Evaluation 514b 117393,2201 86 Further Evaluation 514b 117498,493 87 Further Evaluation 515b 107537,0176 89 Further Evaluation 515b 972778,5478 90 Further Evaluation 428b 92953,0854 91 Further Evaluation 458b 74147,08745 95 Further Evaluation 458b 75447,08745 95 Further Evaluation 458b 77447,08745 95 Further Evaluation 458b 77447,08745 95 Further Evaluation 458b 77447,08745 95 Further Evaluation 469b 75980,50847 94 Further Evaluation 469b 75980,50847 95 Further Evaluation 445b 61229,62354 98 Further Evaluation 445b 61229,62354 99 Further Evaluation 445b 61229,62354 99 Further Evaluation 445b 61229,62354 99 Further Evaluation 446b 39379,2252 105 Further Evaluation 446b 39379,2252 105 Further Evaluation 446b 39379,2252 105 Further Evaluation 448b 32937,1057 108 Further Evaluation 449b 76388,83116 117 Further Evaluation 449b 25708,15367 113 Further Evaluation 449b 25708,15367 114 Further Evaluation 449b 25708,15367 115 Further Evaluation 449b 25708,15367 116 Further Evaluation 449b 25708,15367 117 Further Evaluation 449b 25708,15367 118 Further Evaluation 449b 25708,15367 119 Further Evaluation 449b 25708,15367 111 Further Evaluation 449b 25708,15367 113 Further Evaluation 449b 25708,15367 114 Further Evaluation 440b 23078,18180				
68 Further Evaluation 437b 543874.753 69 Further Evaluation 455b 432531.0413 70 Further Evaluation 432b 423746.6034 71 Further Evaluation 50b 423300.6932 72 Further Evaluation 462b 316062.9942 73 Further Evaluation 462b 316062.9942 73 Further Evaluation 444b 294032.9651 75 Further Evaluation 51b 287246.5547 76 Further Evaluation 517b 264615.618 77 Further Evaluation 412b 252902.5181 78 Further Evaluation 417b 167774.6629 80 Further Evaluation 482b 154358.5473 81 Further Evaluation 482b 154358.5473 81 Further Evaluation 482b 154358.5473 82 Further Evaluation 40b 150048.2088 83 Further Evaluation 3b 137179.8819 84 Further Evaluation 492b 136620.1503 85 Further Evaluation 514b 117393.2201 86 Further Evaluation 53b 114869.493 87 Further Evaluation 507b 109657.0082 88 Further Evaluation 507b 109657.0082 89 Further Evaluation 507b 109657.0082 91 Further Evaluation 499b 76638.51592 93 Further Evaluation 499b 76638.51592 93 Further Evaluation 499b 76638.51592 93 Further Evaluation 499b 76638.51592 94 Further Evaluation 499b 76638.51592 95 Further Evaluation 499b 76638.51592 96 Further Evaluation 499b 76638.51592 97 Further Evaluation 409 71237.59644 96 Further Evaluation 493b 4147.08745 95 Further Evaluation 493b 43469.23766 103 Further Evaluation 493b 4369.2698.83 101 Further Evaluation 493b 4369.2698.83 101 Further Evaluation 493b 4369.2698.83 101 Further Evaluation 493b 4369.23766 103 Further Evaluation 493b 4369.23766 104 Further Evaluation 493b 4369.23766 105 Further Evaluation 493b 4369.23766 106 Further Evaluation 493b 4369.23766 107 Further Evaluation 493b 4369.23766 108 Further Evaluation 493b 4369.23766 109 Further Evaluation 493b 4369.23766 101 Further Evaluation 493b 4369.23766 103 Further Evaluation 493b 4369.23766 104 Further Evaluation 493b 4369.23766 105 Further Evaluation 493b 4369.23766 106 Further Evaluation 493b 4369.23766 107 Further Evaluation 449b 25708.15367 108 Further Evaluation 449b 25708.15367 109 Further Evaluation 449b 25708.15367 113 Further Evaluation 449b 25708.15367 114 Further Evaluat				
69 Further Evaluation 432b 432531.0413 70 Further Evaluation 432b 423746.034 71 Further Evaluation 50b 42330.06932 72 Further Evaluation 462b 316062.9942 73 Further Evaluation 431b 297027.8528 74 Further Evaluation 431b 297027.8528 75 Further Evaluation 51b 287246.3547 76 Further Evaluation 517b 264615.618 77 Further Evaluation 412b 252902.5181 78 Further Evaluation 417b 167774.6629 80 Further Evaluation 417b 167774.6629 80 Further Evaluation 40b 150048.2088 81 Further Evaluation 40b 150048.2088 83 Further Evaluation 40b 130048.2088 83 Further Evaluation 492b 136620.1503 85 Further Evaluation 514b 177393.2201 86 Further Evaluation 507b 109657.0082 88 Further Evaluation 507b 109657.0082 89 Further Evaluation 515b 107537.0176 89 Further Evaluation 515b 107537.0176 89 Further Evaluation 428b 92953.00854 91 Further Evaluation 428b 92953.00854 91 Further Evaluation 469b 75980.50847 94 Further Evaluation 4588 74147.08745 95 Further Evaluation 445b 61229.62354 96 Further Evaluation 445b 61229.62354 97 Further Evaluation 445b 61229.62354 98 Further Evaluation 445b 61229.62354 98 Further Evaluation 445b 61229.62354 98 Further Evaluation 445b 61229.62354 99 Further Evaluation 493b 4366.96883 101 Further Evaluation 493b 4369.23766 103 Further Evaluation 493b 4369.23766 104 Further Evaluation 493b 4369.23766 105 Further Evaluation 445b 4369.23766 106 Further Evaluation 446b 330379.2522 107 Further Evaluation 449b 52508.1337 108 Further Evaluation 449b 52508.1337 109 Further Evaluation 449b 52508.1337 101 Further Evaluation 449b 52508.1337 101 Further Evaluation 449b 52508.1337 102 Further Evaluation 449b 52508.1337 103 Further Evaluation 449b 52508.1337 104 Further Evaluation 449b 52508.1337 115 Further Evaluation 449b 52508.1349.3933 116 Further Evaluati				
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102 Further Evaluation 434b 43469.23766 103 Further Evaluation 493b 40382.16624 104 Further Evaluation 486b 39379.2252 105 Further Evaluation 468b 35080.86075 106 Further Evaluation 14b 34254.79393 107 Further Evaluation 463b 32937.1057 108 Further Evaluation 332b 32461.13427 109 Further Evaluation 54b 28780.51016 110 Further Evaluation 62b 27321.15816 111 Further Evaluation 1b 25882.13168 112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	100	Further Evaluation	12b	49366.96883
103 Further Evaluation 493b 40382.16624 104 Further Evaluation 486b 39379.2252 105 Further Evaluation 468b 35080.86075 106 Further Evaluation 14b 34254.79393 107 Further Evaluation 463b 32937.1057 108 Further Evaluation 332b 32461.13427 109 Further Evaluation 54b 28780.51016 110 Further Evaluation 62b 27321.15816 111 Further Evaluation 1b 25882.13168 112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	101	Further Evaluation	58b	
104 Further Evaluation 486b 39379.2252 105 Further Evaluation 468b 35080.86075 106 Further Evaluation 14b 34254.79393 107 Further Evaluation 463b 32937.1057 108 Further Evaluation 332b 32461.13427 109 Further Evaluation 54b 28780.51016 110 Further Evaluation 62b 27321.15816 111 Further Evaluation 1b 25882.13168 112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	102	Prurther Evaluation	434b	43469.23766
105 Further Evaluation 468b 35080.86075 106 Further Evaluation 14b 34254.79393 107 Further Evaluation 463b 32937.1057 108 Further Evaluation 332b 32461.13427 109 Further Evaluation 54b 28780.51016 110 Further Evaluation 62b 27321.15816 111 Further Evaluation 1b 25882.13168 112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	103	B Further Evaluation	493b	40382.16624
106 Further Evaluation 14b 34254.79393 107 Further Evaluation 463b 32937.1057 108 Further Evaluation 332b 32461.13427 109 Further Evaluation 54b 28780.51016 110 Further Evaluation 62b 27321.15816 111 Further Evaluation 1b 25882.13168 112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	104	Further Evaluation	486b	39379.2252
107 Further Evaluation 463b 32937.1057 108 Further Evaluation 332b 32461.13427 109 Further Evaluation 54b 28780.51016 110 Further Evaluation 62b 27321.15816 111 Further Evaluation 1b 25882.13168 112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	105	Further Evaluation	468b	35080.86075
108 Further Evaluation 332b 32461.13427 109 Further Evaluation 54b 28780.51016 110 Further Evaluation 62b 27321.15816 111 Further Evaluation 1b 25882.13168 112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	106	Further Evaluation	14b	34254.79393
109 Further Evaluation 54b 28780.51016 110 Further Evaluation 62b 27321.15816 111 Further Evaluation 1b 25882.13168 112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	107	' Further Evaluation	463b	
110 Further Evaluation 62b 27321.15816 111 Further Evaluation 1b 25882.13168 112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	108	B Further Evaluation	332b	32461.13427
111 Further Evaluation 1b 25882.13168 112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	109	Further Evaluation	54b	28780.51016
112 Further Evaluation 449b 25708.15367 113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971				
113 Further Evaluation 489b 25442.06362 114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	111	Further Evaluation		25882.13168
114 Further Evaluation 421b 23403.82588 115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	112	Prurther Evaluation		25708.15367
115 Further Evaluation 502b 23149.93963 116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	113	B Further Evaluation	489b	25442.06362
116 Further Evaluation 46b 23078.18703 117 Further Evaluation 460b 20755.19971	114	Further Evaluation	421b	23403.82588
117 Further Evaluation 460b 20755.19971	115	Further Evaluation	502b	23149.93963
	116	Further Evaluation	46b	23078.18703
118 Further Evaluation 57b 19389.10868	117	7 Further Evaluation	460b	20755.19971
	118	B Further Evaluation	57b	19389.10868

		3	. ()
Rank	Action	Area Name	Area (m^2)
	Further Evaluation	474b	18995.52021
	Further Evaluation	313b	18845.06395
	Further Evaluation	511b	18208.62579
	2 Further Evaluation	66b	16580.35428
	3 Further Evaluation	430b	15788.69458
	Further Evaluation	26b	15228.40382
	Further Evaluation	453b	14584.59069
	Further Evaluation	491b	14477.19603
	7 Further Evaluation	500b	14074.78464
	3 Further Evaluation	501b	13637.41721
	Further Evaluation	419b	13565.70584
	Further Evaluation	483b	12455.94544
_	Further Evaluation	309b	12339.37394
	2 Further Evaluation	472b	11780.93704
	3 Further Evaluation	467b	11478.88332
_	Further Evaluation	65b	11163.00647
135	5 Further Evaluation	64b	11138.85579
136	Further Evaluation	465b	9761.156963
	7 Further Evaluation	56b	9222.277507
138	3 Further Evaluation	346b	9005.511511
139	Further Evaluation	513b	8749.926529
140	Further Evaluation	478b	8037.943051
141	Further Evaluation	451b	7988.722587
142	2 Further Evaluation	63b	7984.440466
143	3 Further Evaluation	470b	7886.551641
144	Further Evaluation	450b	7793.322865
145	Further Evaluation	508b	7745.444024
146	Further Evaluation	422b	7602.985678
147	Further Evaluation	409b	7530.007042
148	3 Further Evaluation	447b	7179.704014
149	Further Evaluation	390b	7138.339678
150	Further Evaluation	49b	6154.866845
15 ²	Further Evaluation	436b	6043.027372
152	2 Further Evaluation	52b	5745.21184
153	3 Further Evaluation	509b	5191.927312
154	Further Evaluation	24b	5045.590758
155	Further Evaluation	45b	4948.431693
156	Further Evaluation	456b	4090.605254
157	Further Evaluation	479b	4081.612122
158	3 Further Evaluation	4b	4080.430838
159	Further Evaluation	59b	4049.91028
160	Further Evaluation	487b	3968.288321
161	Further Evaluation	446b	3955.827741
162	2 Further Evaluation	397b	3806.353286
163	3 Further Evaluation	454b	3686.199122
164	Further Evaluation	314b	3428.056581
165	Further Evaluation	477b	3283.124557
166	Further Evaluation	457b	2263.302651
	Further Evaluation	505b	2037.995248
168	3 Further Evaluation	435b	2035.793004
	Further Evaluation	498b	1809.999068
	Further Evaluation	378b	1155.353815
	Further Evaluation	485b	1143.649696
	2 Further Evaluation	418b	1139.412071
	Further Evaluation	473b	802.2881076
	Further Evaluation	484b	215.6407609
	5 Monitoring	1184c	38751476.93
	6 Monitoring	1150c	5612665.263
	7 Monitoring	1186c	4127188.642
177	o.mg	11000	. 121 100.072

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	4		
Rank	Action	Area Name	Area (m^2)
	Monitoring	1145c	3316666.251
	Monitoring	1159c	2956211.616
	Monitoring Monitoring	1118c	2865802.782
	Monitoring	1163c 1155c	2303084.785 2152838.802
	Monitoring	1107c	2148439.725
	Monitoring	1107C	1044165.902
	Monitoring	1160c	796663.0263
	Monitoring	140c	372513.9732
	Monitoring	162c	270559.9649
	Monitoring	4c	195880.755
	Monitoring	47c	179870.2183
	Monitoring	160c	177795.8841
	Monitoring	150c	113071.2407
	Monitoring	880c	109910.4063
	Monitoring	43c	85674.96478
	Monitoring	184c	80917.36186
	Monitoring	884c	69235.46363
	Monitoring	868c	59026.78952
	Monitoring	876c	57842.65482
	Monitoring	154c	55247.03194
	Monitoring	163c	50789.11142
	Monitoring	882c	44520.25426
	Monitoring	12c	41856.30418
202	Monitoring	198c	38119.07607
203	Monitoring	838c	35556.72236
	Monitoring	881c	30435.9771
205	Monitoring	177c	28871.41647
206	Monitoring	113c	28244.10967
207	Monitoring	152c	26759.29424
208	Monitoring	887c	26208.99514
	Monitoring	188c	25269.08301
	Monitoring	121c	25195.20268
	Monitoring	873c	24222.77223
	Monitoring	867c	22907.77129
	Monitoring	195c	22716.39794
	Monitoring	823c	22402.55914
	Monitoring	189c	22325.0538
	Monitoring	187c	21652.13873
	Monitoring	48c	20440.1423
	Monitoring	174c	19583.31141
	Monitoring	826c	18357.13644
	Monitoring	874c	17762.09016
	Monitoring	183c	16357.29699
	Monitoring	893c	16258.9816
	Monitoring	157c	16074.54709
	Monitoring	191c	15521.19635
	Monitoring	7c	15411.65757
	Monitoring	17c	15329.00874
	Monitoring Manitoring	108c	15261.98421
	Monitoring Monitoring	136c	14113.58816
	Monitoring Monitoring	173c 1c	13125.69437 12830.14599
	Monitoring	6c	12605.43962
	Monitoring	53c	12176.42179
	Monitoring	185c	12176.42179
	Monitoring	892c	11290.47206
	Monitoring	170c	10860.337
	Monitoring	170C 194c	10699.14886
230	wormorning	1340	10033.14000

D I	A - 43	5	A (AO)
Rank	Action		Area (m^2)
	Monitoring	52c	10591.93163
	Monitoring	16c	10552.97718
	Monitoring	11c	10446.8011
	Monitoring	824c	9857.850447
	Monitoring	875c	9808.886385
	Monitoring	870c	8518.429327
	Monitoring	196c	8487.24899
	Monitoring	110c	7974.15987
245	Monitoring	131c	7969.571653
246	Monitoring	890c	7966.516674
247	Monitoring	827c	7434.050632
248	Monitoring	877c	7423.386034
249	Monitoring	172c	7356.761194
250	Monitoring	159c	7276.290069
251	Monitoring	84c	7176.142858
252	Monitoring	869c	6384.362428
253	Monitoring	1149c	6082.0872
	Monitoring	111c	5693.964438
	Monitoring	102c	5536.762178
	Monitoring	186c	5512.317972
	Monitoring	888c	5382.017116
	Monitoring	862c	5357.827858
	Monitoring	129c	5269.387199
	Monitoring	175c	5242.365741
	Monitoring	2c	5001.951342
	Monitoring	123c	4674.43939
	Monitoring	849c	4647.754188
	Monitoring	132c	4618.536763
	Monitoring	5c	4533.668815
	Monitoring	197c	4462.728304
	Monitoring	889c	4412.751779
	Monitoring	3c	4263.765629
	Monitoring	130c	4228.734793
	Monitoring	171c	4218.380448
	Monitoring	127c	4196.945578
	Monitoring	9c	4074.913863
	Monitoring	124c	3865.51406
	Monitoring	118c	3788.085625
	Monitoring	128c	2983.898812
	Monitoring	145c	2067.480837
	Monitoring	126c	1949.902076
	Monitoring	178c	1717.220236
	J		
	Monitoring Monitoring	137c	1301.38721
	Monitoring Monitoring	843c	1245.527598
	Monitoring	190c	1211.727351
	Monitoring	107c	550.5010538
283	Monitoring	833c	496.0847962

	1	A	A (A 2)
Rank	Action	Area Name	Area (m^2)
	Site Visit / Action Recommended Site Visit / Action Recommended	39a 8a	486303.4464 123044.4413
	Site Visit / Action Recommended	75a	99535.92344
_	Site Visit / Action Recommended	45a	99533.10008
-	Site Visit / Action Recommended	36a	90448.44173
_	Site Visit / Action Recommended	147a	89861.4196
	Site Visit / Action Recommended	203a	70643.72473
	Site Visit / Action Recommended	38a	51194.94905
9	Site Visit / Action Recommended	97a	49812.19564
10	Site Visit / Action Recommended	62a	45714.40453
11	Site Visit / Action Recommended	34a	43227.35408
12	Site Visit / Action Recommended	5a	37835.22843
13	Site Visit / Action Recommended	196a	36537.29179
	Site Visit / Action Recommended	148a	35733.9931
-	Site Visit / Action Recommended	107a	25211.01157
	Site Visit / Action Recommended	10a	23502.81008
	Site Visit / Action Recommended	4a	21599.09136
_	Site Visit / Action Recommended	25a	12785.28859
	Site Visit / Action Recommended	60a	8891.891004
	Site Visit / Action Recommended	78a	5670.194528
	Site Visit / Action Recommended Site Visit / Action Recommended	18a	5370.36569 5151.637664
	Site Visit / Action Recommended	40a 23a	4325.956184
_	Site Visit / Action Recommended	145a	4186.040173
	Further Evaluation	334b	167859.7342
_	Further Evaluation	396b	96317.71808
	Further Evaluation	331b	46735.4626
	Further Evaluation	380b	26795.27489
29	Further Evaluation	316b	17758.13106
30	Further Evaluation	374b	16864.32818
31	Further Evaluation	408b	11165.36715
32	Further Evaluation	55b	10383.45916
33	Further Evaluation	443b	9783.584336
	Further Evaluation	312b	9004.004577
	Further Evaluation	490b	8451.759482
	Further Evaluation	8b	8261.638589
	Further Evaluation	336b	7297.550547
	Further Evaluation	341b	5472.136274
	Further Evaluation Further Evaluation	441b	5353.156884
	Further Evaluation	438b 337b	5315.621973 5035.445638
	Further Evaluation	425b	4758.578873
	Further Evaluation	402b	4605.537418
	Further Evaluation	439b	4396.468864
	Further Evaluation	339b	4320.358765
46	Further Evaluation	28b	3975.878226
47	Further Evaluation	21b	3971.43783
48	Further Evaluation	318b	3446.529328
49	Further Evaluation	333b	3432.374379
50	Further Evaluation	406b	2691.333479
	Further Evaluation	324b	2355.967475
	Further Evaluation	323b	1655.402022
	Further Evaluation	361b	1191.74073
	Further Evaluation	315b	1180.084809
	Further Evaluation	308b	1125.135716
	Further Evaluation	363b	827.4391862
_	Further Evaluation	340b	783.6192665
	Further Evaluation Monitoring	311b 1134c	776.5424271 17145525.28
59	Monitoring	11346	17 140020.28

	2		
Rank	Action	Area Name	Area (m^2)
60 Monitoring		1146c	2929192.549
61 Monitoring		1135c	2490558.065
62 Monitoring		1121c	2376937.708
63 Monitoring		1103c	2010257.854
64 Monitoring		1112c	1315451.335
65 Monitoring		1167c	1098449.898
66 Monitoring		1124c	778267.7391
67 Monitoring		1177c	734652.7032
68 Monitoring		1168c	272479.8424
69 Monitoring		1157c	194783.5569
70 Monitoring		18c	46627.51557
71 Monitoring		138c	39545.58449
72 Monitoring		14c	37781.03385
73 Monitoring		146c	34047.25846
74 Monitoring		105c	25468.15673
75 Monitoring		829c	19250.93863
76 Monitoring		148c	18208.80704
77 Monitoring		45c	17245.43443
78 Monitoring		1126c	15989.8186
79 Monitoring		90c	11095.16863
80 Monitoring		143c	10481.21544
81 Monitoring		100c	10381.96046
82 Monitoring		65c	10184.33553
83 Monitoring		147c	9513.57943
84 Monitoring		85c	8795.686733
85 Monitoring		91c	8026.64804
86 Monitoring		104c	6797.469298
87 Monitoring		46c	6254.427393
88 Monitoring		153c	6236.155399
89 Monitoring		841c	6226.565643
90 Monitoring		88c	5694.099212
91 Monitoring		149c	5397.781495
92 Monitoring		836c	5370.074573
93 Monitoring		70c	5348.57965
94 Monitoring		39c	4976.472516
95 Monitoring		94c	4671.956176
96 Monitoring		69c	4529.844279
97 Monitoring		10c	4451.902667
98 Monitoring		852c	4423.477861
99 Monitoring		106c	4247.859411
100 Monitoring		846c	3763.470157
101 Monitoring		1127c	3404.87177
102 Monitoring		839c	3043.207643

	1		
Rank	Action	Area Name	Area (m^2)
	Site Visit / Action Recommended	150a	387225.1093
	? Site Visit / Action Recommended	50a	288081.6759
	S Site Visit / Action Recommended	227a	212417.3849
	Site Visit / Action Recommended	122a	79408.6046
	Site Visit / Action Recommended	73a	76466.42969
	S Site Visit / Action Recommended	46a	68714.45075
	' Site Visit / Action Recommended	116a	64357.47859
	Site Visit / Action Recommended	199a	61100.64688
	Site Visit / Action Recommended	31a	39531.68052
	Site Visit / Action Recommended	173a	27044.15545
	Site Visit / Action Recommended Site Visit / Action Recommended	42a 48a	26211.93738 25972.67258
	Site Visit / Action Recommended	230a	25972.67256
	Site Visit / Action Recommended	218a	11640.06671
-	Site Visit / Action Recommended	216a 228a	10283.29632
	Site Visit / Action Recommended	58a	10263.29632
	Site Visit / Action Recommended	41a	9763.741026
	Site Visit / Action Recommended	76a	5243.634886
	Site Visit / Action Recommended	64a	5212.986806
	Site Visit / Action Recommended	27a	5011.416356
	Site Visit / Action Recommended	110a	4550.338417
	2 Site Visit / Action Recommended	157a	4377.330167
	Site Visit / Action Recommended	215a	3951.653606
	Site Visit / Action Recommended	214a	3514.104571
	Further Evaluation	344b	166128.7472
	Further Evaluation	349b	145561.6371
	' Further Evaluation	524b	77049.65054
	B Further Evaluation	342b	42756.67335
29	Further Evaluation	343b	20535.62705
30	Further Evaluation	528b	20276.09105
31	Further Evaluation	526b	16490.08399
32	Prurther Evaluation	471b	13815.01749
33	Further Evaluation	338b	11424.70615
34	Further Evaluation	512b	11124.44237
35	Further Evaluation	355b	9482.122436
36	Further Evaluation	357b	9289.479132
_	' Further Evaluation	476b	9207.839236
38	B Further Evaluation	368b	7630.28971
39	Further Evaluation	353b	6986.771745
	Further Evaluation	497b	6640.959647
	Further Evaluation	442b	6025.97369
	Prurther Evaluation	15b	4886.00175
	Further Evaluation	510b	2802.597727
	Further Evaluation	415b	560.1604601
	Further Evaluation	411b	234.3706306
	Monitoring	1133c	6418633.45
	Monitoring	1151c	2648923.929
	Monitoring	1180c	2358350.887
	Monitoring	1185c	1687937.093
	Monitoring	58c	311789.1358
	Monitoring	209c	108280.5695
	2 Monitoring	1129c	79254.9156
	3 Monitoring	19c	65447.78424
	Monitoring	41c	60105.47855
	Monitoring	76c	18799.805
	Monitoring	38c	13134.90581
	Monitoring	44c	9721.246686
	3 Monitoring	834c	8276.855713
58	Monitoring	79c	8259.234234

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	2		
Rank	Action	Area Name	Area (m^2)
60 Monitor	ing	204c	6356.323998
61 Monitor	ing	59c	6207.788411
62 Monitor	ing	211c	6134.312505
63 Monitor	ing	192c	6117.228002
64 Monitor	ing	158c	5642.647342
65 Monitor	ing	866c	4787.646756
66 Monitor	ing	161c	4723.244634
67 Monitor	ing	193c	4438.637829
68 Monitor	ing	201c	4250.009903
69 Monitor	ing	37c	3960.893804
70 Monitor	ing	1128c	2843.88415

	1		
Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	827a	281164.9946
	2 Site Visit / Action Recommended	750a	170911.7406
	3 Site Visit / Action Recommended	806a	145730.4222
	4 Site Visit / Action Recommended 5 Site Visit / Action Recommended	802a 801a	137239.0521 111593.5919
	6 Site Visit / Action Recommended	714a	93718.30548
	7 Site Visit / Action Recommended	814a	72658.21613
	8 Site Visit / Action Recommended	764a	69075.62605
	9 Site Visit / Action Recommended	704a 710a	68807.66972
	10 Site Visit / Action Recommended	710a 779a	67531.05781
	11 Site Visit / Action Recommended	718a 718a	55896.64551
	12 Site Visit / Action Recommended	825a	54353.57181
	13 Site Visit / Action Recommended	805a	46401.06492
	14 Site Visit / Action Recommended	787a	45254.35046
	15 Site Visit / Action Recommended	745a	44135.07504
	16 Site Visit / Action Recommended	835a	40062.96963
	17 Site Visit / Action Recommended	742a	37004.78141
	18 Site Visit / Action Recommended	834a	34796.44538
	19 Site Visit / Action Recommended	703a	30667.40151
	20 Site Visit / Action Recommended	843a	26993.71024
	21 Site Visit / Action Recommended	782a	26029.17711
	22 Site Visit / Action Recommended	810a	24949.78724
	23 Site Visit / Action Recommended	708a	23022.87754
	24 Site Visit / Action Recommended	795a	21827.76687
	25 Site Visit / Action Recommended	711a	21382.9166
	26 Site Visit / Action Recommended	701a	14911.15795
	27 Site Visit / Action Recommended	752a	14857.0284
	28 Site Visit / Action Recommended	771a	12414.78107
	29 Site Visit / Action Recommended	829a	11827.72461
	30 Site Visit / Action Recommended	786a	10559.05653
	31 Site Visit / Action Recommended	741a	7766.434638
	32 Site Visit / Action Recommended	705a	6840.913913
	33 Site Visit / Action Recommended	706a	5679.83192
	34 Site Visit / Action Recommended	785a	4766.239218
	35 Site Visit / Action Recommended	773a	4714.639661
	36 Site Visit / Action Recommended	828a	4668.704785
	37 Site Visit / Action Recommended	783a	4452.405522
	38 Site Visit / Action Recommended	770a	4145.903285
	39 Further Evaluation	1053b	157167.3564
	40 Further Evaluation	1080b	123177.8907
	41 Further Evaluation	292b	88779.30898
	42 Further Evaluation	255b	61173.02849
	43 Further Evaluation	1069b	44774.85352
	44 Further Evaluation	283b	44273.92618
	45 Further Evaluation	1103b	43973.75984
	46 Further Evaluation	269b	34420.81851
	47 Further Evaluation	1019b	31630.67636
	48 Further Evaluation	263b	31389.60415
	49 Further Evaluation	1026b	26358.61471
	50 Further Evaluation	1064b	22512.11277
	51 Further Evaluation	1075b	22278.25328
	52 Further Evaluation	1007b	21505.03116
	53 Further Evaluation	296b	20336.51564
	54 Further Evaluation	1084b	18858.75932
	55 Further Evaluation	1085b	17794.94783
	56 Further Evaluation	284b	17247.638
	57 Further Evaluation	297b	16539.91039
	58 Further Evaluation	1096b	15737.46752
	59 Further Evaluation	1032b	15519.97227

Damla	2	Auga Nama	A (AO)
Rank	Action Further Evaluation	Area Name 1046b	Area (m^2) 14742.82353
	Further Evaluation	1040b 1062b	14169.50586
	Further Evaluation	1104b	13767.3988
	Further Evaluation	242b	13424.33478
64	Further Evaluation	1066b	12217.00363
65	Further Evaluation	258b	11537.40596
66	Further Evaluation	1015b	10759.55319
	Further Evaluation	262b	10252.99199
	Further Evaluation	1095b	9454.675662
	Further Evaluation	1011b	9026.57952
	Further Evaluation	290b	7715.794615
	Further Evaluation Further Evaluation	1087b	7678.774281
	Further Evaluation	1034b 1016b	7633.476239 7492.597337
	Further Evaluation	1030b	7284.294927
	Further Evaluation	1044b	6756.441023
	Further Evaluation	298b	6384.49743
77	Further Evaluation	1058b	5638.063186
78	Further Evaluation	1092b	5535.505108
79	Further Evaluation	1041b	5172.290124
80	Further Evaluation	1038b	4168.974296
81	Further Evaluation	978b	3435.855653
_	Further Evaluation	1021b	2456.702264
	Further Evaluation	977b	2298.869889
	Further Evaluation	1060b	2120.068017
	Further Evaluation	1093b	1933.675902
	Further Evaluation	1047b	919.2124138
	Monitoring	1402c 1410c	15157400.74
	Monitoring Monitoring	1384c	3019790.545 2545434.193
	Monitoring	1409c	2410906.479
	Monitoring	1407c	2269453.297
	Monitoring	1416c	2178338.377
	Monitoring	1425c	1852133.267
	Monitoring	1382c	1296671.721
95	Monitoring	1434c	1289511.439
96	Monitoring	1404c	1006757.894
97	Monitoring	1393c	1003108.224
	Monitoring	1431c	968901.9585
	Monitoring	1400c	356051.33
	Monitoring	1380c	328498.1222
	Monitoring	807c	187241.5591
	Monitoring Monitoring	761c 800c	105598.46 94400.70993
	Monitoring	780c	91274.91531
	Monitoring	1076c	55062.33128
	Monitoring	1082c	50970.13441
	Monitoring	1085c	47600.13676
	Monitoring	808c	43597.08892
109	Monitoring	776c	31582.58826
110	Monitoring	805c	26731.25701
	Monitoring	1399c	26355.91947
	Monitoring	804c	26215.70469
	Monitoring	744c	19469.59242
	Monitoring	1090c	19306.58333
	Monitoring	752c	18847.96014
	Monitoring Monitoring	684c	18754.82206
	Monitoring Monitoring	1421c	17722.96623
118	Monitoring	1088c	16515.01822

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Rank	Action	3 Area	Name Area (m^2)
119 Mon		10570	•	-
120 Mon		809c	13380.27	
121 Mon		10650		
122 Mon	•	755c	13030.35	
123 Mon	•	783c	12499.07	
124 Mon	•	10670		
125 Mon		673c	10390.79	
126 Mon	•	669c	9192.522	
127 Mon	•	668c	9188.194	1425
128 Mon	•	10920	8991.974	1963
129 Mon	•	806c	8590.621	1876
130 Mon	•	680c	7706.127	7762
131 Mon	-	10860	7566.626	3508
132 Mon	•	666c	7562.28	3874
133 Mon	itoring	670c	7310.603	3243
134 Mon	itoring	798c	7174.742	2117
135 Mon	itoring	10700	6957.857	7488
136 Mon	itoring	10730	6334.131	1306
137 Mon	itoring	698c	6281.957	7555
138 Mon	itoring	795c	6083.662	2236
139 Mon	itoring	10870	6082.855	5324
140 Mon	itoring	709c	5731.300)218
141 Mon	itoring	748c	5578.365	5813
142 Mon	itoring	677c	5563.319	9077
143 Mon	itoring	665c	4986.998	3742
144 Mon	itoring	810c	4245.410)004
145 Mon	itoring	743c	4215.918	3847
146 Mon	itoring	10950	4208.729	9933
147 Mon	itoring	679c	4195.247	7239
148 Mon	itoring	672c	4080.049	9805
149 Mon	itoring	10660	3481.684	1514
150 Mon	itoring	14230	3429.3	3472
151 Mon	itoring	1401	2825.868	3147
152 Mon	•	764c	2236.389	}521
153 Mon	•	13850	1921.538	3916
154 Mon	•	10420	1596.919) 732
155 Mon	•	10640		
156 Mon	•	10910		∂549
157 Mon	itoring	10370	299.3445	5567

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Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	728a	466797.1775
	2 Site Visit / Action Recommended	747a	118671.9578
	3 Site Visit / Action Recommended	798a	86423.20201
	4 Site Visit / Action Recommended	749a	65849.21938
	5 Site Visit / Action Recommended	793a	62271.00556
	6 Site Visit / Action Recommended	753a	58427.33193
	7 Site Visit / Action Recommended	725a	38311.29661
	8 Site Visit / Action Recommended	721a	35460.94591
	9 Site Visit / Action Recommended	760a	34845.3186
1	0 Site Visit / Action Recommended	788a	29781.17503
1	1 Site Visit / Action Recommended	719a	27624.75153
1	2 Site Visit / Action Recommended	789a	24076.25496
1	3 Site Visit / Action Recommended	759a	16322.43311
1	4 Site Visit / Action Recommended	781a	14119.56654
1	5 Site Visit / Action Recommended	726a	13078.13212
1	6 Site Visit / Action Recommended	765a	11982.84508
1	7 Site Visit / Action Recommended	791a	5112.966783
1	8 Site Visit / Action Recommended	699a	4757.790231
1	9 Site Visit / Action Recommended	774a	3776.595033
2	20 Site Visit / Action Recommended	790a	3709.708369
2	21 Further Evaluation	246b	67423.64355
2	2 Further Evaluation	250b	56435.37455
2	3 Further Evaluation	253b	25689.4422
2	4 Further Evaluation	270b	23926.64726
2	25 Further Evaluation	988b	19601.07882
2	6 Further Evaluation	1014b	18337.27328
2	7 Further Evaluation	1051b	18108.78016
2	8 Further Evaluation	279b	17269.90573
2	9 Further Evaluation	994b	17184.26577
3	0 Further Evaluation	273b	14581.06425
3	31 Further Evaluation	266b	12273.89974
3	2 Further Evaluation	1036b	11700.43373
3	3 Further Evaluation	985b	11011.17423
3	34 Further Evaluation	1023b	9292.020386
3	5 Further Evaluation	244b	9035.215709
3	6 Further Evaluation	1035b	8546.025767
3	7 Further Evaluation	1031b	7318.849219
3	8 Further Evaluation	1012b	5315.628549
	9 Further Evaluation	254b	4356.035944
	0 Further Evaluation	245b	4304.270451
	1 Further Evaluation	983b	4144.693588
	2 Further Evaluation	1055b	3088.361384
	3 Further Evaluation	1049b	2591.012718
	4 Further Evaluation	1059b	2013.211041
	5 Further Evaluation	987b	1949.992099
	6 Further Evaluation	1013b	1208.877446
	7 Further Evaluation	1033b	929.3394025
	8 Further Evaluation	1010b	10.5875806
	9 Further Evaluation	1048b	2.613910743
-	Monitoring	1395c	2413399.61
	in Monitoring	1387c	1802768.331
	52 Monitoring	1396c	974887.128
	i3 Monitoring	1411c	954475.1143
	4 Monitoring	691c	163830.592
	55 Monitoring	690c	79705.87088
	6 Monitoring	689c	72193.19026
	7 Monitoring	1059c	54895.74573
	8 Monitoring	778c	36891.30407
	9 Monitoring	1060c	27139.61711
	o monitoring	10000	21108.01111

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Rank	Action	Area Name	Area (m^2)
60 Monitoring		766c	26351.6902
61 Monitoring		692c	25385.22303
62 Monitoring		769c	24502.88093
63 Monitoring		710c	17718.96096
64 Monitoring		760c	17698.93476
65 Monitoring		693c	15469.89312
66 Monitoring		741c	13778.00874
67 Monitoring		714c	13165.57917
68 Monitoring		1074c	9456.755931
69 Monitoring		728c	8980.789829
70 Monitoring		1044c	7785.813678
71 Monitoring		731c	6777.136424
72 Monitoring		1041c	6101.616538
73 Monitoring		730c	5505.427018
74 Monitoring		753c	5488.654667
75 Monitoring		685c	4806.351098
76 Monitoring		663c	4805.535119
77 Monitoring		759c	4286.297035
78 Monitoring		1046c	4192.59594
79 Monitoring		687c	4068.056978
80 Monitoring		1045c	4031.726492
81 Monitoring		1051c	2261.226627
82 Monitoring		1040c	2032.988858

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Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	445a	229394.0223
	2 Site Visit / Action Recommended	544a	182670.9328
	3 Site Visit / Action Recommended	522a	177679.1435
	4 Site Visit / Action Recommended	402a	90921.726
	5 Site Visit / Action Recommended	413a	86281.41427
	Site Visit / Action Recommended	556a	77855.79876
	7 Site Visit / Action Recommended	456a	64648.85177
	Site Visit / Action Recommended	523a	50727.59617
	9 Site Visit / Action Recommended	442a	37799.28051
	Site Visit / Action Recommended	420a	29133.65343
	1 Site Visit / Action Recommended 2 Site Visit / Action Recommended	443a 498a	16301.2401 12339.45764
	3 Site Visit / Action Recommended	500a	11242.22692
	4 Site Visit / Action Recommended	467a	10804.86022
•	5 Site Visit / Action Recommended	502a	9080.164909
	S Site Visit / Action Recommended	439a	6218.171087
	7 Site Visit / Action Recommended	430a	5864.984505
	Site Visit / Action Recommended	425a	5803.725352
	9 Site Visit / Action Recommended	505a	5209.484773
	Site Visit / Action Recommended	490a	4567.724527
	1 Site Visit / Action Recommended	435a	4537.870966
-	2 Site Visit / Action Recommended	424a	4391.291416
- -	3 Further Evaluation	730b	62218.72199
	Further Evaluation	743b	61888.99138
	5 Further Evaluation	736b	55852.69107
	6 Further Evaluation	157b	47959.10467
	7 Further Evaluation	733b	38538.94612
	3 Further Evaluation	140b	35775.17627
29	9 Further Evaluation	699b	30927.38331
30	Further Evaluation	821b	27177.97908
3	1 Further Evaluation	709b	21251.45865
32	2 Further Evaluation	776b	20986.08622
33	3 Further Evaluation	742b	20756.68787
34	4 Further Evaluation	719b	19955.32392
35	5 Further Evaluation	803b	16473.84555
36	6 Further Evaluation	732b	15601.19128
37	7 Further Evaluation	158b	13843.72487
38	B Further Evaluation	161b	8479.773096
39	Further Evaluation	729b	8475.258172
40	Further Evaluation	777b	6647.966982
4	1 Further Evaluation	820b	6566.617445
	2 Further Evaluation	183b	6097.420928
	3 Further Evaluation	184b	6079.21375
	Further Evaluation	724b	5071.976728
	5 Further Evaluation	739b	4857.99124
	6 Further Evaluation	831b	4598.477461
	7 Further Evaluation	801b	2256.837029
	3 Further Evaluation	737b	2214.404321
	9 Further Evaluation	735b	2193.541533
	Further Evaluation	787b	2077.04778
	1 Further Evaluation	800b	1449.384914
	2 Monitoring	1274c	8600859.412
	3 Monitoring	1314c	2346457.582
	Monitoring	1299c	2239902.226
	5 Monitoring	1271c	2125699.575
	6 Monitoring	508c	30633.33084
	7 Monitoring	513c	24319.14245
	3 Monitoring	477c	23544.01296
59	9 Monitoring	452c	14324.1663

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Rank	Action	Area Name	Area (m^2)
60 Monitoring		984c	13312.54707
61 Monitoring		563c	12823.97303
62 Monitoring		571c	11969.93662
63 Monitoring		564c	11308.62418
64 Monitoring		537c	10193.22388
65 Monitoring		457c	7738.058393
66 Monitoring		528c	7175.173143
67 Monitoring		522c	6919.497214
68 Monitoring		512c	6552.556789
69 Monitoring		525c	6167.225012
70 Monitoring		494c	6066.450665
71 Monitoring		1002c	6050.653967
72 Monitoring		530c	5245.389208
73 Monitoring		533c	4978.028772
74 Monitoring		456c	4504.678538
75 Monitoring		503c	4383.669635
76 Monitoring		1000c	4123.16289
77 Monitoring		1003c	3299.111875
78 Monitoring		979c	2815.126249

	1	A	A (60)
Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	565a	364186.2504
	2 Site Visit / Action Recommended	455a	363372.7309
	3 Site Visit / Action Recommended4 Site Visit / Action Recommended	437a 426a	326947.2108
	5 Site Visit / Action Recommended	4∠6a 466a	313814.0645 305203.3985
	6 Site Visit / Action Recommended	400a 472a	195368.0217
	7 Site Visit / Action Recommended	472a 428a	142765.312
	8 Site Visit / Action Recommended	487a	118308.0209
	9 Site Visit / Action Recommended	412a	95666.76934
	10 Site Visit / Action Recommended	414a	74176.94091
	11 Site Visit / Action Recommended	474a	67308.50249
	12 Site Visit / Action Recommended	550a	58940.0905
	13 Site Visit / Action Recommended	518a	57158.75058
	14 Site Visit / Action Recommended	516a	51667.22721
	15 Site Visit / Action Recommended	548a	33827.1053
	16 Site Visit / Action Recommended	503a	32781.91734
	17 Site Visit / Action Recommended	507a	29917.35138
	18 Site Visit / Action Recommended	553a	28092.7372
	19 Site Visit / Action Recommended	492a	27721.02629
	20 Site Visit / Action Recommended	469a	26897.18931
	21 Site Visit / Action Recommended	506a	26644.37642
	22 Site Visit / Action Recommended	497a	26525.70644
	23 Site Visit / Action Recommended	406a	24765.04512
	24 Site Visit / Action Recommended	562a	19896.89481
	25 Site Visit / Action Recommended	552a	17919.91687
	26 Site Visit / Action Recommended	561a	15769.55324
	27 Site Visit / Action Recommended	459a	14073.14963
	28 Site Visit / Action Recommended 29 Site Visit / Action Recommended	551a	8748.357844
	30 Site Visit / Action Recommended	495a 461a	7410.589588 6984.514092
	31 Site Visit / Action Recommended	512a	6266.259594
	32 Site Visit / Action Recommended	499a	4656.361855
	33 Site Visit / Action Recommended	407a	4573.510739
	34 Site Visit / Action Recommended	508a	4402.788836
	35 Site Visit / Action Recommended	415a	4323.442645
	36 Site Visit / Action Recommended	408a	4250.392283
	37 Site Visit / Action Recommended	519a	3949.673984
	38 Site Visit / Action Recommended	447a	3874.870742
	39 Site Visit / Action Recommended	400a	3859.62113
	40 Further Evaluation	766b	820420.0888
	41 Further Evaluation	167b	581405.7505
	42 Further Evaluation	717b	236190.1728
	43 Further Evaluation	173b	235717.4504
	44 Further Evaluation	723b	183701.5581
	45 Further Evaluation	764b	153108.4034
	46 Further Evaluation	753b	125545.289
	47 Further Evaluation	768b	104776.48
	48 Further Evaluation	147b	53438.22567
	49 Further Evaluation	837b	32800.68318
	50 Further Evaluation 51 Further Evaluation	755b	28471.46789
	51 Further Evaluation 52 Further Evaluation	774b 706b	27031.13086 22542.25263
	53 Further Evaluation	180b	22430.05496
	54 Further Evaluation	843b	22331.41117
	55 Further Evaluation	758b	21974.73272
	56 Further Evaluation	181b	21211.15158
	57 Further Evaluation	788b	19937.1193
	58 Further Evaluation	834b	19775.15357
	59 Further Evaluation	744b	14652.06608

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Rank 60	Action Further Evaluation	Area Name 790b	Area (m^2) 14323.50609
	Further Evaluation	757b	13457.33164
	Further Evaluation	761b	12449.82185
	Further Evaluation	713b	12306.20355
	Further Evaluation	205b	12024.34897
65	Further Evaluation	138b	11863.19478
66	Further Evaluation	171b	10105.4182
67	Further Evaluation	200b	9838.333744
68	Further Evaluation	145b	9097.133198
	Further Evaluation	781b	8506.568653
	Further Evaluation	149b	7725.810356
	Further Evaluation	159b	7258.42947
	Further Evaluation	792b	7066.224563
	Further Evaluation	825b	7016.231964
	Further Evaluation Further Evaluation	798b	6882.378695
	Further Evaluation Further Evaluation	827b 703b	6755.364528 6142.041822
	Further Evaluation	703b 708b	6134.969862
	Further Evaluation	789b	5981.028743
_	Further Evaluation	784b	5865.230055
	Further Evaluation	756b	5588.95212
	Further Evaluation	840b	5145.491695
	Further Evaluation	828b	5066.175708
83	Further Evaluation	796b	4610.216867
84	Further Evaluation	836b	3380.930169
85	Further Evaluation	701b	2741.449253
86	Further Evaluation	826b	954.9960219
87	Further Evaluation	824b	505.8143019
	Further Evaluation	839b	496.4567538
	Monitoring	1298c	19893759.85
	Monitoring	1267c	2811308.37
	Monitoring	1329c	2346730.538
	Monitoring	1318c	2323492.317
	Monitoring Monitoring	1268c 1278c	2293918.61 1719455.612
	Monitoring	1332c	1633005.976
	Monitoring	1309c	718891.7705
	Monitoring	1280c	690049.065
	Monitoring	1263c	661644.4978
	Monitoring	1269c	647422.9391
	Monitoring	986c	338505.1221
	Monitoring	1290c	267829.9407
102	Monitoring	1288c	74380.11865
103	Monitoring	431c	68271.35636
	Monitoring	462c	67557.2302
	Monitoring	436c	61408.42148
	Monitoring	450c	59232.20953
	Monitoring	505c	48536.05608
	Monitoring	444c	43576.71413
	Monitoring	474c	41777.74078
	Monitoring	453c	41745.80809
	Monitoring Monitoring	992c 451c	28906.55084 28164.73692
	Monitoring	497c	27650.1517
	Monitoring	438c	17694.28319
	Monitoring	420c	15426.09836
	Monitoring	423c	14823.08327
	Monitoring	1017c	12345.3813
	Monitoring	445c	11792.58989
	-		

	3	
Rank	Action Area Na	me Area (m^2)
119 Monitoring	502c	9747.35476
120 Monitoring	443c	9706.931389
121 Monitoring	454c	8760.442288
122 Monitoring	490c	8121.599253
123 Monitoring	442c	7983.316648
124 Monitoring	998c	7940.207045
125 Monitoring	516c	7250.179866
126 Monitoring	558c	6891.323259
127 Monitoring	997c	6108.509792
128 Monitoring	493c	6050.422041
129 Monitoring	556c	5800.687749
130 Monitoring	440c	5683.710306
131 Monitoring	491c	5405.124432
132 Monitoring	441c	5215.432083
133 Monitoring	971c	5033.504704
134 Monitoring	560c	5025.682308
135 Monitoring	437c	4903.969341
136 Monitoring	520c	4623.654985
137 Monitoring	449c	4371.554101
138 Monitoring	435c	4256.154249
139 Monitoring	433c	4155.086619
140 Monitoring	464c	3857.636359
141 Monitoring	996c	3687.875764
142 Monitoring	482c	3614.057173
143 Monitoring	1007c	3351.421596
144 Monitoring	980c	3200.303934
145 Monitoring	446c	2841.606862
146 Monitoring	991c	2561.772567
147 Monitoring	961c	2413.441332
148 Monitoring	472c	1244.363084
149 Monitoring	973c	842.7823765
150 Monitoring	993c	762.8657475
151 Monitoring	969c	725.9613335
152 Monitoring	473c	598.5357457

D: :1	1	A M	A (A O)
Rank	Action Site Visit / Action Recommended	Area Name	Area (m^2)
-	Site Visit / Action Recommended	161a 29a	138226.6171 72440.61292
	Site Visit / Action Recommended	115a	68802.15376
	Site Visit / Action Recommended	134a	61552.49407
-	Site Visit / Action Recommended	112a	51021.18486
	Site Visit / Action Recommended	94a	32360.64774
	Site Visit / Action Recommended	87a	30005.01472
=	Site Visit / Action Recommended	32a	24376.08611
-	Site Visit / Action Recommended	63a	21347.76842
-	Site Visit / Action Recommended	219a	14963.95946
	Site Visit / Action Recommended	186a	13041.44593
12	Site Visit / Action Recommended	205a	10705.53179
13	Site Visit / Action Recommended	96a	10294.57619
14	Site Visit / Action Recommended	74a	9735.786605
15	Site Visit / Action Recommended	170a	9374.474436
16	Site Visit / Action Recommended	167a	6122.9316
17	Site Visit / Action Recommended	210a	6122.902408
18	Site Visit / Action Recommended	113a	5199.508557
19	Site Visit / Action Recommended	189a	4077.939373
	Site Visit / Action Recommended	194a	4051.258072
	Site Visit / Action Recommended	47a	3942.30353
	Prurther Evaluation	19b	32890.95424
	Further Evaluation	44b	31748.13871
	Further Evaluation	31b	13598.83681
	Further Evaluation	410b	12387.89348
	Further Evaluation	401b	11783.94022
	Further Evaluation	516b	8156.930145
	Further Evaluation	372b	7864.596062
	Further Evaluation Further Evaluation	495b 22b	6845.845393
	Further Evaluation	364b	6649.858796 6507.623633
	Purther Evaluation	34b	6501.571629
	Further Evaluation	29b	6311.024641
	Further Evaluation	395b	5415.674406
-	Further Evaluation	480b	4291.090287
	Further Evaluation	404b	4282.111574
	Further Evaluation	381b	3497.712721
38	Further Evaluation	424b	2369.951436
	Further Evaluation	328b	1876.851566
	Further Evaluation	345b	1687.833404
41	Further Evaluation	452b	1438.17506
42	Prurther Evaluation	391b	492.0195719
43	Monitoring	1144c	11644686.29
44	Monitoring	1137c	2265288.938
45	Monitoring	1143c	1852281.962
46	Monitoring	1171c	1604408.417
47	' Monitoring	1110c	1556072.802
48	Monitoring	1181c	1545955.315
49	Monitoring	1119c	709500.4192
	Monitoring	1162c	272904.2077
	Monitoring	176c	120787.7361
	Monitoring	62c	22771.61443
	Monitoring	1140c	22732.86348
	Monitoring	99c	21259.36812
	Monitoring	98c	19634.06091
	Monitoring	859c	19119.47725
	Monitoring	101c	18259.54046
	Monitoring	1139c	17984.55768
59	Monitoring	32c	17125.5529

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Rank	Action	Area Name	Area (m^2)
60 Monitori	ng	61c	13748.1128
61 Monitori	ng	885c	12553.51241
62 Monitori	ng	857c	11879.21671
63 Monitori	ng	34c	10101.09227
64 Monitori	ng	847c	8153.420568
65 Monitori	ng	73c	5874.842037
66 Monitori	ng	103c	5848.074616
67 Monitori	ng	848c	4890.837363
68 Monitori	ng	181c	3824.813807
69 Monitori	ng	855c	3525.550554
70 Monitori	ng	872c	2813.49417
71 Monitori	ng	840c	2373.026159
72 Monitori	ng	861c	149.723924

	1		A (A 2)
Rank	Action	Area Name	Area (m^2)
	Site Visit / Action Recommended Site Visit / Action Recommended	593a 596a	124769.3228 54523.63816
	Site Visit / Action Recommended	684a	52733.84884
_	Site Visit / Action Recommended	600a	29417.85392
•	Site Visit / Action Recommended	686a	22244.27955
_	Site Visit / Action Recommended	664a	21975.37565
	Site Visit / Action Recommended	575a	15547.76259
8	Site Visit / Action Recommended	687a	9362.603904
9	Site Visit / Action Recommended	681a	9313.353526
10	Site Visit / Action Recommended	569a	9019.89485
11	Site Visit / Action Recommended	582a	8042.250793
12	Site Visit / Action Recommended	576a	4777.303919
13	Site Visit / Action Recommended	585a	4509.909649
	Site Visit / Action Recommended	685a	4404.476813
	Site Visit / Action Recommended	665a	4329.60269
	Further Evaluation	851b	27401.99218
	Further Evaluation	968b	12767.39515
	Further Evaluation	237b	10920.4674
	Further Evaluation	234b	10006.425
	Further Evaluation Further Evaluation	969b	6552.918406
	Further Evaluation Further Evaluation	965b	5568.157095 5259.479408
	Further Evaluation	852b 867b	5125.294062
_	Further Evaluation	939b	5080.973778
	Further Evaluation	208b	4493.534793
	Further Evaluation	231b	4416.435728
	Further Evaluation	858b	3245.606281
	Further Evaluation	967b	3105.096073
29	Further Evaluation	845b	1098.462012
30	Further Evaluation	875b	969.8591802
31	Further Evaluation	966b	804.3131499
32	Further Evaluation	869b	58.43472555
33	Monitoring	1376c	13429039.36
	Monitoring	1356c	6389870.696
	Monitoring	1339c	1663814.285
	Monitoring	1374c	976543.1612
	Monitoring	1353c	796746.3291
	Monitoring	1342c	595179.5022
	Monitoring	1365c	194332.361
	Monitoring Monitoring	1368c 1349c	139290.2939 65153.1098
	Monitoring	636c	41950.29758
	Monitoring	659c	32613.73212
	Monitoring	640c	22386.52028
	Monitoring	653c	21848.85457
	Monitoring	1348c	20610.5911
	Monitoring	626c	20451.37033
	Monitoring	658c	19719.16358
	Monitoring	1373c	15999.7988
50	Monitoring	655c	12697.58109
51	Monitoring	1043c	7916.007238
	Monitoring	580c	7302.999083
	Monitoring	604c	6613.936331
	Monitoring	589c	6162.868818
	Monitoring	1019c	5558.536451
	Monitoring	622c	4840.089544
	Monitoring	579c	4653.296889
	Monitoring	686c	4008.381267
59	Monitoring	1345c	3903.4186

2			
Rank	Action	Area Name	Area (m^2)
60 Moi	nitoring	1372c	1310.986736
61 Moi	nitorina	1341c	109.6894675

	1		
Rank	Action	Area Name	Area (m^2)
	Site Visit / Action Recommended	758a	669635.5363
	2 Site Visit / Action Recommended	739a	297242.3261
	Site Visit / Action Recommended	694a	118558.7781
	Site Visit / Action Recommended Site Visit / Action Recommended	756a 757a	70376.48541
-	S Site Visit / Action Recommended	757a 744a	69541.11113
	7 Site Visit / Action Recommended	744a 792a	65651.74964 60429.12632
	Site Visit / Action Recommended	755a 755a	34720.36356
	Site Visit / Action Recommended	709a	27979.7996
) Site Visit / Action Recommended	780a	25736.58819
	Site Visit / Action Recommended	754a	24306.29781
	2 Site Visit / Action Recommended	778a	20273.94623
13	3 Site Visit / Action Recommended	700a	19141.689
14	Site Visit / Action Recommended	707a	15583.02906
15	Site Visit / Action Recommended	743a	15240.89773
16	Further Evaluation	261b	148502.1168
17	⁷ Further Evaluation	1029b	133202.9424
	3 Further Evaluation	1027b	66330.94947
	Further Evaluation	1004b	46504.21571
) Further Evaluation	252b	30304.67882
	Further Evaluation	276b	25513.5948
	2 Further Evaluation	282b	23673.54644
	3 Further Evaluation	971b	21457.12358
	Further Evaluation	1067b	21409.47861
	5 Further Evaluation 6 Further Evaluation	1022b 251b	17164.54591 15105.38142
	7 Further Evaluation	1008b	11945.25475
	Further Evaluation	1020b	11295.52639
	Further Evaluation	271b	10972.03468
	Further Evaluation	260b	9604.554994
	Further Evaluation	272b	8943.556642
32	2 Further Evaluation	256b	8121.591715
33	3 Further Evaluation	1024b	7230.388946
34	Further Evaluation	257b	6887.834193
35	5 Further Evaluation	264b	6696.223585
	Further Evaluation	285b	6162.657879
	7 Further Evaluation	1006b	6159.484805
	3 Further Evaluation	1043b	5151.667127
	Further Evaluation	267b	4873.103685
	Further Evaluation	1009b	4780.476569
	Further Evaluation	1018b	4658.595577
	2 Further Evaluation	259b	4248.656483
	3 Further Evaluation	278b	4093.574199
	Further Evaluation Further Evaluation	1050b 1028b	3764.437411 2599.898104
	Further Evaluation	1026b 1001b	2373.026127
	7 Further Evaluation	1045b	1411.573907
	3 Monitoring	1403c	8204064.749
	9 Monitoring	1398c	3857128.419
) Monitoring	1379c	2843768.43
	Monitoring	1397c	2419515.766
	2 Monitoring	1427c	2067540.456
	3 Monitoring	1412c	1280513.591
	Monitoring	1408c	1200362.388
55	5 Monitoring	1383c	1043489.81
	6 Monitoring	1426c	1026037.057
	7 Monitoring	1405c	194813.3393
	3 Monitoring	749c	131854.4203
59	9 Monitoring	726c	76084.56605

	2	
Rank	Action Area Name	Area (m^2)
60 Monitoring	721c	47571.27131
61 Monitoring	708c	46090.82925
62 Monitoring	667c	39022.71552
63 Monitoring	674c	37846.8205
64 Monitoring	732c	32628.20332
65 Monitoring	747c	27877.25957
66 Monitoring	699c	27786.62488
67 Monitoring	725c	22002.19956
68 Monitoring	773c	20123.89471
69 Monitoring	675c	19988.52295
70 Monitoring	1050c	18001.45309
71 Monitoring	717c	17379.83198
72 Monitoring	770c	15041.63442
73 Monitoring	724c	15015.64967
74 Monitoring	733c	14626.73766
75 Monitoring	716c	13803.64337
76 Monitoring	756c	13320.21359
77 Monitoring	772c	12416.25532
78 Monitoring	782c	11814.70797
79 Monitoring	722c	11694.99877
80 Monitoring	715c	11524.61206
81 Monitoring	1055c	10272.52213
82 Monitoring	657c	9994.031578
83 Monitoring	745c	9471.420867
84 Monitoring	723c	9025.549395
85 Monitoring	740c	8876.489883
86 Monitoring	792c	8460.766358
87 Monitoring	757c	7789.467373
88 Monitoring	1378c	7478.2402
89 Monitoring	671c	7471.567565
90 Monitoring	781c	7281.762669
91 Monitoring	758c	6399.346991
92 Monitoring	746c	5897.328054
93 Monitoring	664c	5716.735051
94 Monitoring	718c	5515.087375
95 Monitoring	707c	4953.221392
96 Monitoring	1038c	4749.768328
97 Monitoring	720c	4636.481445
98 Monitoring	719c	4324.840072
99 Monitoring	1052c	4293.429195
100 Monitoring	768c	4199.752456
101 Monitoring	695c	4083.416182
102 Monitoring	727c	4067.193056
103 Monitoring	1068c	3599.089768
104 Monitoring	1049c	1734.510134
105 Monitoring	1054c	1359.443468
106 Monitoring	1056c	831.3421475
107 Monitoring	1053c	482.2067053

	1		
Rank	Action	Area Name	Area (m^2)
	Site Visit / Action Recommended	111a	818796.3743
	Site Visit / Action Recommended	168a	240986.2564
_	Site Visit / Action Recommended	90a	190387.171
-	Site Visit / Action Recommended Site Visit / Action Recommended	88a	93246.50665
	Site Visit / Action Recommended	91a	90801.0181
	Site Visit / Action Recommended	9a 44a	67135.45093 54601.64894
	Site Visit / Action Recommended	129a	43980.51082
-	Site Visit / Action Recommended	26a	37422.13993
	Site Visit / Action Recommended	130a	36580.50322
	Site Visit / Action Recommended	82a	36142.59508
	Site Visit / Action Recommended	166a	29795.48282
	Site Visit / Action Recommended	154a	22285.04433
_	Site Visit / Action Recommended	21a	19443.49192
15	Site Visit / Action Recommended	98a	18987.65052
16	Site Visit / Action Recommended	3a	16935.52886
17	Site Visit / Action Recommended	135a	16637.84168
18	Site Visit / Action Recommended	185a	14835.96943
19	Site Visit / Action Recommended	121a	14570.90427
20	Site Visit / Action Recommended	175a	13537.51903
21	Site Visit / Action Recommended	15a	11740.441
22	Site Visit / Action Recommended	55a	9602.340979
23	Site Visit / Action Recommended	128a	7046.746612
24	Site Visit / Action Recommended	69a	6891.990142
	Site Visit / Action Recommended	66a	6794.426027
26	Site Visit / Action Recommended	197a	5732.379499
27	Site Visit / Action Recommended	103a	5688.628874
28	Site Visit / Action Recommended	146a	4681.308274
	Site Visit / Action Recommended	84a	4198.588387
	Site Visit / Action Recommended	124a	4163.588209
_	Further Evaluation	9b	165349.473
	Further Evaluation	326b	82158.33755
	Further Evaluation	322b	74156.51091
	Further Evaluation	11b	53711.51411
	Further Evaluation	384b	47663.61354
	Further Evaluation	407b	41250.80077
	Further Evaluation	394b	37643.44989
	Further Evaluation Further Evaluation	461b 13b	34290.57273 22830.13881
	Further Evaluation	383b	18358.98851
	Further Evaluation	352b	14359.31041
	Further Evaluation	494b	12800.05882
	Further Evaluation	488b	11990.47831
	Further Evaluation	423b	11954.81089
	Further Evaluation	354b	11836.15736
	Further Evaluation	377b	11569.06024
	Further Evaluation	42b	11430.47095
	Further Evaluation	388b	9490.007232
	Further Evaluation	2b	9242.644293
	Further Evaluation	481b	8376.668304
51	Further Evaluation	41b	6312.14369
52	Further Evaluation	433b	6288.786222
53	Further Evaluation	321b	6174.092501
54	Further Evaluation	420b	5986.805682
55	Further Evaluation	325b	5973.250851
56	Further Evaluation	6b	5101.08479
57	Further Evaluation	387b	4894.427923
58	Further Evaluation	310b	4783.807558
59	Further Evaluation	317b	4730.48571

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	Further Evaluation	413b	4621.593336
	Further Evaluation	37b	4037.909933
62	Further Evaluation	5b	4024.737176
63	Further Evaluation	399b	3581.529142
64	Further Evaluation	466b	2856.099775
65	Further Evaluation	427b	2834.462867
66	Further Evaluation	448b	1718.649201
67	Further Evaluation	416b	990.8990043
68	Further Evaluation	440b	256.0368317
69	Further Evaluation	459b	58.28262826
70	Monitoring	1148c	19197857.23
71	Monitoring	1117c	2560204.055
72	Monitoring	1156c	1655730.672
	Monitoring	1105c	1638115.117
	Monitoring	1102c	1634445.829
	Monitoring	1172c	1345570.709
	Monitoring	1153c	1334726.397
	Monitoring	1123c	1268225.79
	Monitoring	1178c	1215459.573
	Monitoring	1161c	1187299.447
	Monitoring	1111c	1010342.787
	Monitoring	1142c	607192.7396
	Monitoring	35c	85373.55408
	Monitoring	165c	54081.83515
	Monitoring	182c	39753.31856
	Monitoring	1132c	35669.85807
	Monitoring	167c	34113.13297
	Monitoring	40c	23263.84459
	Monitoring	13c	21344.40864
	Monitoring	29c	20380.79681
	Monitoring	117c	18540.28948
	Monitoring	93c	15455.15088
	Monitoring	20c	14110.94124
	Monitoring	54c	14110.94124
	Monitoring	856c	13576.73409
	•	1125c	12870.87106
	Monitoring Monitoring	1230 122c	11134.40979
	Monitoring Monitoring	822c	11109.77605
	Monitoring Monitoring		
	Monitoring	119c 115c	9464.596511 8772.260925
	Monitoring	31c	
	Monitoring		8659.880327
	Monitoring	832c	8536.983059
	Monitoring	8c	7820.873447
	Monitoring	26c	7620.864595
	Monitoring	21c	6969.047714
	Monitoring	825c	6872.985274
	Monitoring	27c	6627.33353
	Monitoring	865c	5754.621322
	Monitoring	871c	5375.872969
	Monitoring	120c	5225.755888
	Monitoring	22c	5074.137787
	Monitoring	87c	4993.444683
	Monitoring	50c	4939.805397
	Monitoring	81c	4895.518963
	Monitoring	96c	4800.333412
	Monitoring	114c	4696.412051
	Monitoring	112c	4542.25882
	Monitoring	139c	3664.534435
118	Monitoring	828c	3568.650537

	3		
Rank	Action	Area Name	Area (m^2)
119 Moi	nitoring	1152c	2415.7853
120 Moi	nitoring	835c	55.37878153
121 Moi	nitorina	830c	40.99503179

Rank Action Area Name Area (m*2) 1 Site Visit / Action Recommended 2 Site Visit / Action Recommended 330a 211427.31669 2 Site Visit / Action Recommended 380a 211427.486 3 Site Visit / Action Recommended 370a 146332.9803 5 Site Visit / Action Recommended 360a 145556.1584 6 Site Visit / Action Recommended 304a 104819.9144 7 Site Visit / Action Recommended 309a 38882.08817 9 Site Visit / Action Recommended 306a 33562.75559 10 Site Visit / Action Recommended 270a 23667.79728 11 Site Visit / Action Recommended 303a 16499.55942 13 Site Visit / Action Recommended 303a 16499.55942 13 Site Visit / Action Recommended 333a 10871.82276 16 Site Visit / Action Recommended 286a 3226 922.93294 17 Site Visit / Action Recommended 233a 10871.82276 16 Site Visit / Action Recommended 232a 9178.80658 18 Site Visit / Action Recommended 289a 7695.59042 21 Site Visit / Action Recom		1		
2 Site Visit / Action Recommended 330a 211427.486 3 Site Visit / Action Recommended 282a 156024.7294 4 Site Visit / Action Recommended 370a 146332.9803 5 Site Visit / Action Recommended 360a 145556.1584 6 Site Visit / Action Recommended 258a 40112.7545 8 Site Visit / Action Recommended 309a 38882.08817 9 Site Visit / Action Recommended 270a 23667.79728 11 Site Visit / Action Recommended 309a 38882.08817 12 Site Visit / Action Recommended 270a 23667.79728 11 Site Visit / Action Recommended 303a 16499.55942 13 Site Visit / Action Recommended 303a 16499.55942 13 Site Visit / Action Recommended 303a 16499.55942 14 Site Visit / Action Recommended 303a 16499.55942 14 Site Visit / Action Recommended 303a 16479.55942 15 Site Visit / Action Recommended 326a 222a 9178.806558 15 Site Visit / Action Recommended 326a 9226.932984 17 Site Visit / Action Recommended 326a 9226.932984 17 Site Visit / Action Recommended 322a 9178.806558 18 Site Visit / Action Recommended 322a 9178.806558 18 Site Visit / Action Recommended 273a 7669.458631 20 Site Visit / Action Recommended 273a 7669.458631 22 Site Visit / Action Recommended 273a 7669.458631 23 Site Visit / Action Recommended 273a 569.866767 22 Site Visit / Action Recommended 276a 5986.878676 22 Site Visit / Action Recommended 279a 4288.99142 25 Further Evaluation 688b 53947.64678 27 Further Evaluation 581b 23291.32879 31 Further Evaluation 582b 25786.03656 29 Further Evaluation 588b 1269.74415 31 Further Evaluation 548b 5635.294893 31 Further Evalua	Rank	Action	Area Name	Area (m^2)
3 Site Visit / Action Recommended 370a 148332,9803 5 Site Visit / Action Recommended 370a 148332,9803 5 Site Visit / Action Recommended 304a 104819,9149 7 Site Visit / Action Recommended 258a 40112,7545 8 Site Visit / Action Recommended 309a 38882,08817 9 Site Visit / Action Recommended 309a 38882,08817 9 Site Visit / Action Recommended 270a 23667,79728 11 Site Visit / Action Recommended 270a 23667,79728 11 Site Visit / Action Recommended 378a 19356,38501 12 Site Visit / Action Recommended 303a 16499.55942 13 Site Visit / Action Recommended 303a 16499.55942 13 Site Visit / Action Recommended 363a 15152,52229 14 Site Visit / Action Recommended 333a 16497.82276 16 Site Visit / Action Recommended 326a 11227,46737 15 Site Visit / Action Recommended 326a 9226.932984 17 Site Visit / Action Recommended 326a 9226.932984 17 Site Visit / Action Recommended 289a 7695.592061 19 Site Visit / Action Recommended 289a 7695.592061 19 Site Visit / Action Recommended 289a 7695.592061 2 Site Visit / Action Recommended 270a 5669.458631 2 Site Visit / Action Recommended 286a 5896.878676 22 Site Visit / Action Recommended 286a 5896.878676 22 Site Visit / Action Recommended 290a 5257.882483 23 Site Visit / Action Recommended 290a 5257.882483 25 Further Evaluation 590b 85357.67638 25 Further Evaluation 659b 36707.03794 28 Further Evaluation 659b 36707.03794 28 Further Evaluation 630b 22802.32141 31 Further Evaluation 581b 23291.32879 30 Further Evaluation 582b 25786.03656 29 Further Evaluation 583b 1269.74415 34 Further Evaluation 563b 2297.32879 30 Further Evaluation 563b 2297.32879 31 Further Evaluation 563b 2297.32879 31 Further Evaluation 563b 2297.3291.33 Further Evaluation 563b 2297.32879 31 Further Evaluation 563b 2297.32879 31 Further Evaluation 563b 3293.930617 3256 524893 34 Further Evaluation 548b 5635.294893 41 Further Evaluation 548b 5635.294893 41 Further Evaluation 575b 3490.12522 42728.066478 42 Further E			-	
4 Site Visit / Action Recommended 5 Site Visit / Action Recommended 6 Site Visit / Action Recommended 7 Site Visit / Action Recommended 7 Site Visit / Action Recommended 8 Site Visit / Action Recommended 9 Site Visit / Action Recommended 9 Site Visit / Action Recommended 104819-9149 1 Site Visit / Action Recommended 1056a 33662-75559 10 Site Visit / Action Recommended 11 Site Visit / Action Recommended 12 Site Visit / Action Recommended 12 Site Visit / Action Recommended 13 Site Visit / Action Recommended 13 Site Visit / Action Recommended 14 Site Visit / Action Recommended 15 Site Visit / Action Recommended 16 Site Visit / Action Recommended 16 Site Visit / Action Recommended 17 Site Visit / Action Recommended 18 Site Visit / Action Recommended 19 Site Visit / Action Recommended 19 Site Visit / Action Recommended 19 Site Visit / Action Recommended 20 Site Visit / Action Recommended 21 Site Visit / Action Recommended 22 Site Visit / Action Recommended 23 Site Visit / Action Recommended 24 Site Visit / Action Recommended 25 Site Visit / Action Recommended 26 Site Visit / Action Recommended 27 Site Visit / Action Recommended 28 Site Visit / Action Recommended 28 Site Visit / Action Recommended 29 Site Visit / Action Recommended 290a 5257.882483 24 Site Visit / Action Recommended 279a 4288.999142 25 Further Evaluation 668b 53947.64678 27 Further Evaluation 679b 36707.03794 28 Further Evaluation 679b 36707.03794 28 Further Evaluation 679b 36707.03794 28 Further Evaluation 581b 23291.32879 30 Further Evaluation 584b 25786.03656 29 Further Evaluation 669b 26775.9239 31 Further Evaluation 669b 22722.02949 32 Further Evaluation 669b 22722.02949 32 Further Evaluation 669b 36707.03794 33 Further Evaluation 669b 3690.03667.03667 34 Further Evaluation 669b 3690.03667 35 Further Evaluation 669b 3690.03667 36 Further Evaluation 669b 3690.03667 37 Site Visit / Action Recommended 679b 383.7901.031 38 Further Evaluation 669b 4677.99221 47 Further Evaluation 679b 3790.068 38 Site Visit / Action Recommended 679b 3790.068 39 Site				
5 Site Visit / Action Recommended 304a 104819.9149 7 Site Visit / Action Recommended 204a 104819.9149 8 Site Visit / Action Recommended 309a 38882.08817 9 Site Visit / Action Recommended 270a 23667.79728 11 Site Visit / Action Recommended 270a 23667.79728 11 Site Visit / Action Recommended 378a 19356.38501 12 Site Visit / Action Recommended 303a 16499.55942 13 Site Visit / Action Recommended 303a 1659.559229 14 Site Visit / Action Recommended 363a 15152.52229 15 Site Visit / Action Recommended 326a 1922.6932984 16 Site Visit / Action Recommended 288a 7695.592061 19 Site Visit / Action Recommended 289a 7695.592061 19 Site Visit / Action Recommended 286a 597.794526 20 Site Visit / Action Recommended 286a 596.878676 22 Site Visit / Action Recommended 286a 596.878676 23 Site Visit / Action Recommended 290a 5257.882483 24 Site Visit / Action Recommended 290a 525	-			
6 Site Visit / Action Recommended				
7 Site Visit / Action Recommended 309a 38882.08817 9 Site Visit / Action Recommended 309a 38882.08817 9 Site Visit / Action Recommended 270a 23667.79728 11 Site Visit / Action Recommended 270a 23667.79728 11 Site Visit / Action Recommended 378a 19356.38501 12 Site Visit / Action Recommended 303a 16499.55942 13 Site Visit / Action Recommended 363a 15152.52229 14 Site Visit / Action Recommended 268a 11227.46737 15 Site Visit / Action Recommended 333a 10871.82276 16 Site Visit / Action Recommended 326a 9226.932984 17 Site Visit / Action Recommended 326a 9226.932984 17 Site Visit / Action Recommended 289a 7695.592061 19 Site Visit / Action Recommended 289a 7695.592061 19 Site Visit / Action Recommended 273a 7669.458631 20 Site Visit / Action Recommended 286a 5975.794526 21 Site Visit / Action Recommended 286a 5896.878676 22 Site Visit / Action Recommended 296a 5257.882483 23 Site Visit / Action Recommended 290a 5257.882483 24 Site Visit / Action Recommended 290a 5257.882483 26 Further Evaluation 590b 85357.67638 26 Further Evaluation 668b 53947.64678 27 Further Evaluation 659b 36707.03794 28 Further Evaluation 659b 36707.03794 28 Further Evaluation 630b 22802.32141 31 Further Evaluation 581b 23291.32879 30 Further Evaluation 581b 23291.32879 31 Further Evaluation 584b 20077.59239 32 Further Evaluation 584b 12169.74415 34 Further Evaluation 563b 8293.930617 36 Further Evaluation 563b 8293.930617 36 Further Evaluation 563b 8293.930617 36 Further Evaluation 544b 6198.749924 31 Further Evaluation 544b 6198.749924 32 Further Evaluation 544b 6198.749924 31 Further Evaluation 544b 6198.749924 32 Further Evaluation 544b 6198.749924 31 Further Evaluation 544b 6198.749924 32 Further Evaluation 544b 6198.749926 349 544 Further Evaluation 545b 545b 5459.96647	-			
8 Site Visit / Action Recommended 9 Site Visit / Action Recommended 10 Site Visit / Action Recommended 11 Site Visit / Action Recommended 12 Site Visit / Action Recommended 13 Site Visit / Action Recommended 13 Site Visit / Action Recommended 13 Site Visit / Action Recommended 14 Site Visit / Action Recommended 15 Site Visit / Action Recommended 16 Site Visit / Action Recommended 16 Site Visit / Action Recommended 17 Site Visit / Action Recommended 18 Site Visit / Action Recommended 19 Site Visit / Action Recommended 273 A 7669 458831 20 Site Visit / Action Recommended 286a 5896.878676 21 Site Visit / Action Recommended 286a 5896.878676 22 Site Visit / Action Recommended 286a 5896.878676 22 Site Visit / Action Recommended 280a 5975.794526 21 Site Visit / Action Recommended 280a 5896.878676 22 Site Visit / Action Recommended 290a 5257.882483 24 Site Visit / Action Recommended 290a 5257.882483 25 Further Evaluation 668b 53947.64678 27 Further Evaluation 659b 36707.03794 28 Further Evaluation 628b 25786.03656 29 Further Evaluation 630b 22802.32141 31 Further Evaluation 552b 22728.02949 32 Further Evaluation 581b 23291.32879 30 Further Evaluation 582b 22728.02949 32 Further Evaluation 545b 8347.901431 33 Further Evaluation 545b 8347.901431 34 Further Evaluation 663b 7393.665717 38 Further Evaluation 663b 7393.665717 38 Further Evaluation 604b 20677.59239 31 Further Evaluation 604b 3885.706674 42 Further Evaluation 607b 848 635.294893 41 Further Evaluation 607b 878.0940969 42 Further Evaluation 607b 878.0940969 43 Monitoring 1218c 277293.886 50 Monitoring 1224c 1929c 1215141.11 55 Monitoring 1224c 684445.7772 57 Monitoring 1224c 684245.7714.9.1344 58 Monitoring 1224c 644445.7772 57 Monitoring 1224c 644446.7772 57 Monitoring 1224c 644446.7772 57 Monitoring 1224c 644446.7772 57 Monitoring 1224c 644445.7772 57 Monitoring 1224c 644446.7772 57 Monitoring 1224c 644446.7772 57 Monitoring 1224c 644446.7772 57 Monitoring				
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42 Further Evaluation 660b 4677.99221 43 Further Evaluation 84b 4149.895293 44 Further Evaluation 601b 3857.73225 45 Further Evaluation 83b 3568.04956 46 Further Evaluation 575b 3490.12522 47 Further Evaluation 607b 878.0940969 48 Monitoring 1227c 3259790.068 49 Monitoring 1218c 2772938.886 50 Monitoring 1231c 1728266.478 51 Monitoring 1204c 1698564.211 52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1228c 692175.9411 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612				5635.294893
43 Further Evaluation 84b 4149.895293 44 Further Evaluation 601b 3857.73225 45 Further Evaluation 83b 3568.04956 46 Further Evaluation 575b 3490.12522 47 Further Evaluation 607b 878.0940969 48 Monitoring 1227c 3259790.068 49 Monitoring 1218c 2772938.886 50 Monitoring 1231c 1728266.478 51 Monitoring 1204c 1698564.211 52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612		=		
44 Further Evaluation 601b 3857.73225 45 Further Evaluation 83b 3568.04956 46 Further Evaluation 575b 3490.12522 47 Further Evaluation 607b 878.0940969 48 Monitoring 1227c 3259790.068 49 Monitoring 1218c 2772938.886 50 Monitoring 1231c 1728266.478 51 Monitoring 1204c 1698564.211 52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612				
45 Further Evaluation 83b 3568.04956 46 Further Evaluation 575b 3490.12522 47 Further Evaluation 607b 878.0940969 48 Monitoring 1227c 3259790.068 49 Monitoring 1218c 2772938.886 50 Monitoring 1231c 1728266.478 51 Monitoring 1204c 1698564.211 52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612	_			
46 Further Evaluation 575b 3490.12522 47 Further Evaluation 607b 878.0940969 48 Monitoring 1227c 3259790.068 49 Monitoring 1218c 2772938.886 50 Monitoring 1231c 1728266.478 51 Monitoring 1204c 1698564.211 52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612				
47 Further Evaluation 607b 878.0940969 48 Monitoring 1227c 3259790.068 49 Monitoring 1218c 2772938.886 50 Monitoring 1231c 1728266.478 51 Monitoring 1204c 1698564.211 52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612	_			
48 Monitoring 1227c 3259790.068 49 Monitoring 1218c 2772938.886 50 Monitoring 1231c 1728266.478 51 Monitoring 1204c 1698564.211 52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612				
49 Monitoring 1218c 2772938.886 50 Monitoring 1231c 1728266.478 51 Monitoring 1204c 1698564.211 52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612				
50 Monitoring 1231c 1728266.478 51 Monitoring 1204c 1698564.211 52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612		•		
51 Monitoring 1204c 1698564.211 52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612		•		
52 Monitoring 1197c 1325236.763 53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612		•		
53 Monitoring 1247c 1269019.134 54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612		•		
54 Monitoring 1209c 1215141.11 55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612		<u> </u>		
55 Monitoring 1228c 692175.9411 56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612		•		
56 Monitoring 1244c 646445.7772 57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612		•		
57 Monitoring 1230c 471749.1384 58 Monitoring 940c 107260.3612		•		
58 Monitoring 940c 107260.3612		•		
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2020 00/30.00900		•		
	59	Worldoning	2020	00730.00800

	2		
Rank	Action _	Area Name	Area (m^2)
60 N	Monitoring	304c	46645.71594
61 N	Monitoring	348c	43036.57121
62 N	Monitoring	301c	35019.61633
63 N	Monitoring	268c	34447.65051
64 N	Monitoring	1195c	24974.3573
65 N	Monitoring	943c	20899.35758
66 N	Monitoring	914c	18817.85729
67 N	Monitoring	303c	18429.68015
68 N	Monitoring	290c	16468.30044
69 N	Monitoring	350c	13510.80573
70 N	Monitoring	906c	12500.42287
71 N	Monitoring	310c	12373.22764
72 N	Monitoring	347c	11602.80802
73 N	Monitoring	306c	10857.95384
74 N	Monitoring	926c	10289.66516
75 N	Monitoring	295c	7743.399046
76 N	Monitoring	330c	7210.123769
77 N	Monitoring	283c	6573.042679
78 N	Monitoring	346c	5073.542098
79 N	Monitoring	398c	4919.248274
N 08	Monitoring	928c	4293.183118
81 N	Monitoring	388c	4081.980732
82 N	Monitoring	340c	3801.580774
83 N	Monitoring	307c	3767.753104
84 N	Monitoring	905c	3574.236358
85 N	Monitoring	1225c	2973.4149
86 N	Monitoring	904c	2418.835284

	1		
Rank	Action Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended 2 Site Visit / Action Recommended	20a	282957.3019
	3 Site Visit / Action Recommended	80a	142779.1551
	4 Site Visit / Action Recommended	86a 106a	127800.4345 79721.38817
	5 Site Visit / Action Recommended	100a 105a	54893.41517
	Site Visit / Action Recommended	37a	51107.459
	7 Site Visit / Action Recommended	123a	50005.90652
	Site Visit / Action Recommended	33a	47682.07795
	9 Site Visit / Action Recommended	19a	45382.40905
10	Site Visit / Action Recommended	72a	44099.93446
1.	1 Site Visit / Action Recommended	155a	34684.00282
12	2 Site Visit / Action Recommended	119a	30242.92693
13	3 Site Visit / Action Recommended	83a	30095.48427
14	4 Site Visit / Action Recommended	28a	26939.88725
15	5 Site Visit / Action Recommended	207a	19125.58069
16	Site Visit / Action Recommended	85a	13872.14569
	7 Site Visit / Action Recommended	13a	12303.14075
	3 Site Visit / Action Recommended	79a	12259.98149
	9 Site Visit / Action Recommended	131a	10764.25025
) Site Visit / Action Recommended	242a	9226.69462
	1 Site Visit / Action Recommended	162a	8831.058122
	2 Site Visit / Action Recommended	30a	7172.859043
	3 Site Visit / Action Recommended	11a	5482.382621
	4 Site Visit / Action Recommended	212a	5364.586667
	5 Site Visit / Action Recommended 6 Site Visit / Action Recommended	92a 114a	4803.237436 3889.87784
	7 Further Evaluation	405b	39020.03544
	3 Further Evaluation	320b	36317.21188
	Further Evaluation	504b	35623.11501
	Further Evaluation	400b	35373.87055
	1 Further Evaluation	496b	17347.70866
32	2 Further Evaluation	370b	11786.50071
33	3 Further Evaluation	327b	11083.16941
34	1 Further Evaluation	7b	9414.157698
35	5 Further Evaluation	16b	7948.334628
36	6 Further Evaluation	319b	6888.651019
37	7 Further Evaluation	373b	6446.790775
	3 Further Evaluation	33b	5886.565612
	9 Further Evaluation	386b	5371.884471
) Further Evaluation	10b	4753.593225
	1 Further Evaluation	376b	4223.317374
	2 Further Evaluation	375b	3563.106167
	3 Further Evaluation	335b	3182.520249
	Further Evaluation Further Evaluation	329b	3014.599997
	5 Further Evaluation 6 Further Evaluation	385b 389b	2304.318828 1657.927987
	7 Further Evaluation	330b	1585.267122
	3 Monitoring	1147c	12796052.34
	9 Monitoring	1138c	2747134.901
	O Monitoring	1158c	1925377.701
	1 Monitoring	1114c	1579078.621
	2 Monitoring	1116c	1324599.141
	3 Monitoring	1136c	967078.8666
	4 Monitoring	1108c	889665.1837
	5 Monitoring	156c	18943.32122
56	6 Monitoring	74c	16951.01676
	7 Monitoring	203c	14955.31791
	3 Monitoring	86c	12635.10438
59	9 Monitoring	97c	12153.5818

	2		
Rank	Action	Area Name	Area (m^2)
60 Monito	ring	858c	11728.41786
61 Monito	ring	883c	11440.10508
62 Monito	ring	51c	8630.310648
63 Monito	ring	82c	6375.00152
64 Monito	ring	77c	6253.636031
65 Monito	ring	155c	6029.186893
66 Monito	ring	831c	5620.496945
67 Monito	ring	42c	5389.293817
68 Monito	ring	66c	4049.384649
69 Monito	ring	844c	3574.527851
70 Monito	ring	864c	1991.097508
71 Monito	ring	1175c	342.741633
72 Monito	ring	1174c	121.9202366

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Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	375a	1168216.193
	2 Site Visit / Action Recommended	305a	528757.6993
	3 Site Visit / Action Recommended	308a	431420.8487
	4 Site Visit / Action Recommended 5 Site Visit / Action Recommended	377a 285a	388360.7923 359208.9137
	6 Site Visit / Action Recommended	205a 315a	161861.9841
	7 Site Visit / Action Recommended	232a	146902.7492
	8 Site Visit / Action Recommended	232a 233a	91056.191
	9 Site Visit / Action Recommended	234a	83525.87307
	10 Site Visit / Action Recommended	235a	77095.31431
	11 Site Visit / Action Recommended	368a	71806.62668
	12 Site Visit / Action Recommended	272a	68622.79254
	13 Site Visit / Action Recommended	292a	68531.82544
	14 Site Visit / Action Recommended	243a	50744.28687
	15 Site Visit / Action Recommended	388a	45796.33959
	16 Site Visit / Action Recommended	391a	42443.07578
	17 Site Visit / Action Recommended	376a	34640.43574
	18 Site Visit / Action Recommended	257a	31898.13147
	19 Site Visit / Action Recommended	316a	31365.6478
	20 Site Visit / Action Recommended	318a	25081.45952
	21 Site Visit / Action Recommended	276a	23208.00751
	22 Site Visit / Action Recommended	280a	19086.55571
	23 Site Visit / Action Recommended	223a	18817.38979
	24 Site Visit / Action Recommended	274a	18759.02894
	25 Site Visit / Action Recommended	300a	15272.91573
	26 Site Visit / Action Recommended	271a	13891.67061
	27 Site Visit / Action Recommended	334a	13627.14998
	28 Site Visit / Action Recommended	298a	13487.69559
	29 Site Visit / Action Recommended	311a	12618.50442
	30 Site Visit / Action Recommended	226a	12325.10424
	31 Site Visit / Action Recommended	335a	11119.9144
	32 Site Visit / Action Recommended	313a	10267.08366
	33 Site Visit / Action Recommended 34 Site Visit / Action Recommended	225a	9170.281752
	35 Site Visit / Action Recommended	392a	8743.64658
	36 Site Visit / Action Recommended	358a 390a	8691.95647 7569.618564
	37 Site Visit / Action Recommended	293a	6364.87311
	38 Site Visit / Action Recommended	229a	6068.123869
	39 Site Visit / Action Recommended	389a	5433.441149
	40 Site Visit / Action Recommended	297a	4602.008323
	41 Site Visit / Action Recommended	307a	4390.710561
	42 Site Visit / Action Recommended	329a	4346.441643
	43 Site Visit / Action Recommended	249a	4323.475061
	44 Site Visit / Action Recommended	386a	4289.777176
	45 Site Visit / Action Recommended	312a	4060.022322
	46 Further Evaluation	122b	209284.8682
	47 Further Evaluation	672b	146385.8356
	48 Further Evaluation	521b	125458.1661
	49 Further Evaluation	116b	124054.0927
	50 Further Evaluation	603b	115196.5349
	51 Further Evaluation	571b	95547.00169
	52 Further Evaluation	675b	77449.56317
	53 Further Evaluation	568b	62975.3023
	54 Further Evaluation	123b	56364.95273
	55 Further Evaluation	586b	54670.97232
	56 Further Evaluation	623b	54435.34723
	57 Further Evaluation	80b	54164.37135
	58 Further Evaluation	532b	45613.04877
	59 Further Evaluation	126b	44343.53983

		2	
Rank	Action	Area Nam	
	Further Evaluation	73b	36357.42699
	Further Evaluation	612b	31572.95933
	? Further Evaluation 3 Further Evaluation	686b 539b	26530.83778 26015.41743
	Further Evaluation	124b	24749.24632
	Further Evaluation	616b	24534.0745
	Further Evaluation	530b	21303.72337
	Further Evaluation	74b	21125.65348
	Further Evaluation	622b	20142.45903
	Further Evaluation	689b	18874.81167
	Further Evaluation	595b	17455.90734
	Further Evaluation	609b	16460.31145
	Prunther Evaluation	71b	16215.12997
	Further Evaluation	656b	15895.23093
74	Further Evaluation	606b	15200.48514
75	Further Evaluation	522b	15168.60728
76	Further Evaluation	75b	14947.96851
77	' Further Evaluation	560b	13946.414
78	Further Evaluation	687b	13199.17386
79	Further Evaluation	579b	12853.7759
80	Further Evaluation	580b	11860.56678
81	Further Evaluation	577b	11728.28096
82	2 Further Evaluation	93b	11701.04746
83	Further Evaluation	88b	11665.72442
84	Further Evaluation	527b	11630.61656
85	Further Evaluation	96b	11076.1007
86	Further Evaluation	519b	10890.77672
87	' Further Evaluation	569b	9990.923055
88	3 Further Evaluation	523b	9920.285157
89	Further Evaluation	688b	9580.685263
	Further Evaluation	585b	9193.914466
	Further Evaluation	91b	8821.787919
	2 Further Evaluation	72b	8723.496374
	Further Evaluation	70b	8246.143173
	Further Evaluation	600b	7840.136437
	Further Evaluation	611b	7397.054966
	Further Evaluation	104b	7396.126622
	Further Evaluation	550b	7311.462311
	Further Evaluation	573b	7290.377327
	Further Evaluation	651b	7270.414246
	Further Evaluation	685b	6978.480323
	Further Evaluation	90b	6962.961089
	Prurther Evaluation Further Evaluation	692b 615b	6477.18347 6151.016834
	Further Evaluation	608b	6066.050041
	Further Evaluation	89b	5465.020529
	Further Evaluation	130b	5425.884038
	Further Evaluation	115b	5202.378867
	Further Evaluation	597b	5181.427875
	Further Evaluation	666b	5064.198698
	Further Evaluation	92b	5032.537341
	Further Evaluation	121b	4698.097912
	Further Evaluation	679b	4185.343873
	Further Evaluation	518b	4062.020817
	Further Evaluation	635b	4061.86646
	Further Evaluation	79b	3711.774164
	Further Evaluation	520b	3087.869224
	Further Evaluation	618b	2657.57544
	Further Evaluation	605b	2570.933479

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		3	
Rank	Action	Area Name	Area (m^2)
	119 Further Evaluation	567b	2513.852268
	120 Further Evaluation	613b	2337.124739
	121 Further Evaluation 122 Further Evaluation	674b	2320.742349 2244.770562
	123 Further Evaluation	543b 531b	1921.159847
	124 Further Evaluation	690b	1884.661682
	125 Further Evaluation	634b	719.0025195
	126 Monitoring	1245c	46598721.24
	127 Monitoring	1188c	5304504.764
	128 Monitoring	1219c	3901060.989
	129 Monitoring	1256c	3829321.513
	130 Monitoring	1229c	3181047.923
	131 Monitoring	1213c	1558418.447
	132 Monitoring	1193c	1336991.574
	133 Monitoring	1190c	355295.974
	134 Monitoring	1212c	225488.2409
	135 Monitoring	356c	139899.3961
	136 Monitoring	898c	139105.2884
	137 Monitoring	286c	135405.4096
	138 Monitoring	1217c	129236.4912
	139 Monitoring	897c	114071.7293
	140 Monitoring	1215c	106106.801
	141 Monitoring	895c	94168.9865
	142 Monitoring	199c	80602.16753
	143 Monitoring	278c	79182.72361
	144 Monitoring	232c	69710.15497
	145 Monitoring	291c	59281.35676
	146 Monitoring	951c	50255.12838
	147 Monitoring148 Monitoring	315c 225c	47050.12151
	149 Monitoring	896c	37094.60938 34966.57464
	150 Monitoring	213c	30890.21705
	151 Monitoring	202c	30819.03969
	152 Monitoring	205c	29059.93247
	153 Monitoring	228c	27548.54583
	154 Monitoring	293c	27492.19318
	155 Monitoring	1232c	26557.90055
	156 Monitoring	915c	23812.55479
	157 Monitoring	271c	22905.16183
	158 Monitoring	364c	22849.19243
	159 Monitoring	215c	21996.69025
	160 Monitoring	396c	21526.24208
	161 Monitoring	373c	20859.5308
	162 Monitoring	254c	20811.67856
	163 Monitoring	231c	20684.86233
	164 Monitoring	392c	18340.11482
	165 Monitoring	256c	17009.88529
	166 Monitoring	945c	16289.38146
	167 Monitoring	950c	15190.27383
	168 Monitoring	352c	14198.38204
	169 Monitoring170 Monitoring	387c 894c	12955.73959 12851.05046
	170 Monitoring	894c 229c	12807.37362
	171 Monitoring	261c	12351.75745
	173 Monitoring	282c	10724.94386
	174 Monitoring	220c	10684.73009
	175 Monitoring	207c	10479.51439
	176 Monitoring	259c	10027.71799
	177 Monitoring	224c	9762.923838
	Monitoring	2270	0.02.020000

		1	
Rank	Action	Area Name	Area (m^2)
178 Monit	oring	275c	9539.974767
179 Monite	oring	351c	9434.418618
180 Monit	•	354c	9378.700118
181 Monit	oring	910c	9374.315466
182 Monit	oring	272c	8901.798995
183 Monit	oring	918c	8354.622932
184 Monit	oring	394c	8344.145915
185 Monit	oring	233c	8275.574858
186 Monit	oring	349c	7640.251491
187 Monit	oring	222c	7563.397718
188 Monit	oring	260c	7267.166124
189 Monit	oring	238c	6782.241332
190 Monit	oring	912c	6299.014347
191 Monito	oring	911c	6112.189581
192 Monito	oring	383c	5870.983224
193 Monito	oring	216c	5870.277386
194 Monit	oring	917c	5561.27036
195 Monit	oring	909c	5532.818478
196 Monito	oring	227c	5465.828671
197 Monit	oring	277c	5422.200907
198 Monit	oring	916c	5407.262243
199 Monit	oring	217c	5389.187374
200 Monit	oring	296c	5376.909997
201 Monit	oring	924c	5353.471005
202 Monit	oring	214c	5259.69391
203 Monito	oring	218c	5145.381538
204 Monit	oring	913c	4978.734779
205 Monit	oring	253c	4871.556692
206 Monit	oring	298c	4779.341799
207 Monito	oring	292c	4560.473042
208 Monito	oring	285c	4374.405596
209 Monit	oring	939c	4368.974773
210 Monit	oring	379c	4368.194143
211 Monit	oring	395c	4322.461938
212 Monit	oring	313c	4252.348967
213 Monito	oring	247c	4232.441968
214 Monito	oring	958c	4213.640421
215 Monito	oring	210c	4088.691493
216 Monito	-	952c	4013.721086
217 Monito		1222c	3606.25555
218 Monito	oring	206c	2843.204427
219 Monito	•	941c	2571.453736
220 Monito	oring	901c	2318.805597
221 Monito	•	927c	1931.532937
222 Monito		944c	1328.999975
223 Monito	•	1214c	1103.704964
224 Monito	•	1220c	767.796049
225 Monito		920c	528.6929761
226 Monito	•	1207c	273.1500144
227 Monito	•	1248c	119.4549885
228 Monito	•	1216c	85.43335237
229 Monito	•	1258c	77.30783476
	5		

	1		
Rank	Action	Area Name	Area (m^2)
	Site Visit / Action Recommended Site Visit / Action Recommended	281a	252161.5757
		372a	136009.4031 72457.12927
_	Site Visit / Action Recommended Site Visit / Action Recommended	382a 319a	60632.22191
	Site Visit / Action Recommended	265a	49612.68769
_	Site Visit / Action Recommended	261a	38956.81165
	Site Visit / Action Recommended	381a	37943.01534
	Site Visit / Action Recommended	327a	24694.34815
_	Site Visit / Action Recommended	393a	20296.63833
	Site Visit / Action Recommended	269a	16001.46317
11	Site Visit / Action Recommended	332a	15155.97303
12	Site Visit / Action Recommended	341a	15069.19794
13	Site Visit / Action Recommended	395a	14128.14486
14	Site Visit / Action Recommended	398a	12008.82403
15	Site Visit / Action Recommended	394a	10496.44613
16	Site Visit / Action Recommended	296a	9681.05218
17	Site Visit / Action Recommended	277a	8515.243922
_	Site Visit / Action Recommended	266a	8289.186056
	Site Visit / Action Recommended	337a	6127.784304
	Site Visit / Action Recommended	314a	6047.170359
	Site Visit / Action Recommended	336a	4899.461483
	Site Visit / Action Recommended	275a	4505.126956
_	Further Evaluation	129b	122098.7881
	Further Evaluation	564b	65377.72332
_	Further Evaluation Further Evaluation	85b 619b	62185.05819 35046.54869
	Further Evaluation	105b	24168.23793
	Further Evaluation	82b	23309.63224
_	Further Evaluation	680b	22049.73022
	Further Evaluation	558b	20776.37473
	Further Evaluation	632b	19471.40639
32	Further Evaluation	98b	17544.10572
33	Further Evaluation	557b	13384.22328
34	Further Evaluation	559b	12125.70429
35	Further Evaluation	103b	10299.18554
36	Further Evaluation	95b	9466.481488
_	Further Evaluation	662b	8941.452253
	Further Evaluation	617b	7091.285662
	Further Evaluation	678b	6449.393125
	Further Evaluation	118b	6281.494282
	Further Evaluation	574b	4885.389567
	Further Evaluation	691b	2877.065275
_	Further Evaluation	696b 576b	2867.589439
	Further Evaluation Further Evaluation		2022.834849
_	Further Evaluation	682b 578b	1874.2324 1678.056098
	Further Evaluation	566b	1075.697703
	Further Evaluation	629b	825.0639858
_	Monitoring	1240c	8651769.595
	Monitoring	1251c	1965035.813
	Monitoring	1203c	1939710.099
	Monitoring	1259c	1182648.716
	Monitoring	1208c	929817.783
	Monitoring	385c	90285.80291
	Monitoring	962c	47321.86055
56	Monitoring	312c	34884.02082
	Monitoring	378c	31323.26416
	Monitoring	384c	30848.70132
59	Monitoring	957c	30114.87962

tion Area Name	Area (m^2)
386c	25821.01493
1236c	18084.4248
390c	17107.0542
288c	17099.35812
302c	15313.68494
947c	14857.16116
251c	11022.95741
380c	11002.33742
299c	8872.324129
316c	6988.998594
309c	5695.779342
382c	5376.106325
931c	4918.459298
258c	4534.013581
955c	4306.899395
281c	4295.580728
907c	3914.158179
903c	3743.129068
925c	3702.165251
929c	947.3883385
919c	729.3795712
	1236c 390c 288c 302c 947c 251c 380c 299c 316c 309c 382c 931c 258c 955c 281c 907c 903c 9025c 929c

	1		
Rank	Action	Area Name	Area (m^2)
-	Site Visit / Action Recommended	541a	547868.945
	Site Visit / Action Recommended	533a	143321.8382
_	Site Visit / Action Recommended	486a	95526.60906
-	Site Visit / Action Recommended Site Visit / Action Recommended	463a 410a	87092.62051
_	Site Visit / Action Recommended		77888.52128 64447.14298
	Site Visit / Action Recommended	465a 540a	52655.63733
-	Site Visit / Action Recommended	471a	47118.30722
_	Site Visit / Action Recommended	480a	36463.70813
	Site Visit / Action Recommended	539a	26496.64453
	Site Visit / Action Recommended	524a	18742.31019
	Site Visit / Action Recommended	478a	12378.971
	Site Visit / Action Recommended	534a	11889.39432
_	Site Visit / Action Recommended	485a	8918.906058
	Site Visit / Action Recommended	513a	8832.829453
_	Site Visit / Action Recommended	477a	8580.269842
17	Site Visit / Action Recommended	501a	8175.361337
18	Site Visit / Action Recommended	457a	7548.040255
19	Site Visit / Action Recommended	488a	6053.677217
20	Site Visit / Action Recommended	511a	5509.410425
21	Site Visit / Action Recommended	476a	5324.116207
22	Site Visit / Action Recommended	481a	4695.487874
23	Site Visit / Action Recommended	470a	4633.196632
24	Site Visit / Action Recommended	482a	4402.422615
25	Site Visit / Action Recommended	460a	3892.38574
26	Further Evaluation	817b	258017.9906
27	Further Evaluation	815b	97887.45918
28	Further Evaluation	146b	66891.36518
29	Further Evaluation	810b	66532.03025
30	Further Evaluation	172b	64165.10253
	Further Evaluation	199b	48256.70411
	Further Evaluation	702b	44180.50195
	Further Evaluation	142b	38924.7246
	Further Evaluation	174b	29441.64226
	Further Evaluation	170b	25608.73896
	Further Evaluation	809b	21912.7506
	Further Evaluation	705b	15951.56289
	Further Evaluation	186b	13950.00264
	Further Evaluation	794b	12613.47732
	Further Evaluation	169b	11820.47182
	Further Evaluation	813b	9481.674232
	Further Evaluation Further Evaluation	811b	9298.271695
	Further Evaluation	700b 190b	8638.016096
	Further Evaluation	773b	5410.131191 4800.119894
_	Further Evaluation	694b	4000.119894
	Further Evaluation	759b	3694.055704
	Further Evaluation	772b	3504.244392
_	Further Evaluation	765b	3068.322698
	Further Evaluation	762b	2354.848026
	Further Evaluation	802b	1437.358863
	Further Evaluation	770b	1194.82348
_	Further Evaluation	786b	701.4679444
	Monitoring	1313c	6790888.917
	Monitoring	1261c	3776086.365
	Monitoring	1264c	2697764.693
	Monitoring	1281c	1592481.49
	Monitoring	1262c	1415827.774
	Monitoring	1265c	1399979.903
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	2		
Rank	Action	Area Name	Area (m^2)
60 Monitoring		1283c	1342278.223
61 Monitoring		1300c	776477.6264
62 Monitoring		1284c	665084.4503
63 Monitoring		470c	84514.3015
64 Monitoring		486c	31327.66744
65 Monitoring		524c	29183.9995
66 Monitoring		487c	25507.85731
67 Monitoring		1014c	23356.6052
68 Monitoring		514c	18920.56822
69 Monitoring		489c	18032.72372
70 Monitoring		429c	17632.98347
71 Monitoring		428c	12974.66131
72 Monitoring		488c	11406.78219
73 Monitoring		483c	11307.17087
74 Monitoring		485c	10261.72118
75 Monitoring		499c	9983.395404
76 Monitoring		424c	9941.26711
77 Monitoring		412c	9649.552571
78 Monitoring		1282c	8733.037761
79 Monitoring		481c	8532.960568
80 Monitoring		434c	7901.083543
81 Monitoring		507c	7883.751796
82 Monitoring		538c	7129.628708
83 Monitoring		425c	6552.918456
84 Monitoring		484c	6469.500959
85 Monitoring		518c	6397.518275
86 Monitoring		1013c	6314.221652
87 Monitoring		967c	6273.567434
88 Monitoring		448c	5814.158742
89 Monitoring		414c	4852.236661
90 Monitoring		540c	4427.630756
91 Monitoring		427c	4319.17983
92 Monitoring		989c	2171.745301
93 Monitoring		990c	1490.457823
94 Monitoring		1005c	1178.204845
95 Monitoring		994c	70.64722458

	1		
Rank	Action	Area Name	Area (m^2)
	Site Visit / Action Recommended	545a	724856.972
	2 Site Visit / Action Recommended	532a	140694.5085
	3 Site Visit / Action Recommended	588a	116061.6661
	Site Visit / Action Recommended	626a	90275.25171
	5 Site Visit / Action Recommended	527a	86252.76534
	Site Visit / Action Recommended	558a	72232.1717
	7 Site Visit / Action Recommended	563a	70883.16795
	3 Site Visit / Action Recommended	675a	52596.63619
	9 Site Visit / Action Recommended	537a	41658.00578
) Site Visit / Action Recommended	598a	37442.87753
=	Site Visit / Action Recommended	531a	34018.90927
	2 Site Visit / Action Recommended	617a	30551.61415
	3 Site Visit / Action Recommended	560a	28543.54477
=	Site Visit / Action Recommended	581a	25703.33549
	5 Site Visit / Action Recommended	526a	25074.20726
	Site Visit / Action Recommended	590a	18924.84111
•	7 Site Visit / Action Recommended	543a	18738.5018
	3 Site Visit / Action Recommended	521a	17320.81845
	Site Visit / Action Recommended	607a	15502.88372
) Site Visit / Action Recommended	608a	14637.99217
	Site Visit / Action Recommended	613a	14515.95502
	2 Site Visit / Action Recommended	559a	13653.82384
	3 Site Visit / Action Recommended	614a	12971.38786
	Site Visit / Action Recommended	591a	11263.65902
	Site Visit / Action Recommended	566a	10538.282
	Site Visit / Action Recommended	542a	6887.688877
	7 Site Visit / Action Recommended	603a	6805.741975
	3 Site Visit / Action Recommended	525a	6539.001277
	Site Visit / Action Recommended	535a	6176.16428
) Site Visit / Action Recommended	682a	4587.393717
_	Site Visit / Action Recommended	536a	4046.516401
_	2 Site Visit / Action Recommended	612a	3920.191448
	3 Further Evaluation	894b	494161.8368
-	Further Evaluation	219b	311188.6938
	5 Further Evaluation	818b	226935.9602
	6 Further Evaluation	812b	143864.5161
_	7 Further Evaluation	822b	84839.91083
	3 Further Evaluation	901b	64108.05322
	Further Evaluation	863b	24010.34174
	Further Evaluation	814b	23722.96072
	Further Evaluation Further Evaluation	192b	21918.68062
	2 Further Evaluation 3 Further Evaluation	819b 209b	11712.5702
	Further Evaluation Further Evaluation	195b	10155.82686 8948.770989
	5 Further Evaluation	227b	6807.520343
	S Further Evaluation	878b	6114.966928
	7 Further Evaluation	854b	5277.049464
	3 Further Evaluation	229b	4926.158469
	Further Evaluation	881b	4697.554336
	Further Evaluation	944b	4110.225616
	Further Evaluation	832b	4088.445548
_	2 Further Evaluation	890b	4036.348265
_	3 Further Evaluation	804b	3622.14133
	Further Evaluation	835b	1514.460892
_	5 Further Evaluation	862b	1473.511666
	S Further Evaluation	833b	1319.312324
	7 Further Evaluation	838b	1147.451523
_	3 Further Evaluation	891b	1114.288216
	Further Evaluation	842b	478.3169553
0.	= +	0.20	. 7 0.0 100000

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Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	409a	620950.3341
	2 Site Visit / Action Recommended	484a	444251.8032
	3 Site Visit / Action Recommended	419a	122818.1753
	4 Site Visit / Action Recommended	440a	120213.8385
	5 Site Visit / Action Recommended	434a	117907.4604
	6 Site Visit / Action Recommended	446a	97919.15636
	7 Site Visit / Action Recommended	438a	76133.87501
	8 Site Visit / Action Recommended	441a	52865.4827
	9 Site Visit / Action Recommended	479a	46958.67684
1	0 Site Visit / Action Recommended	399a	39468.23526
1	1 Site Visit / Action Recommended	491a	24259.36489
1	2 Site Visit / Action Recommended	468a	22751.88237
1	3 Site Visit / Action Recommended	444a	12107.06356
1	4 Site Visit / Action Recommended	483a	11066.97075
1	5 Site Visit / Action Recommended	494a	7018.913197
1	6 Site Visit / Action Recommended	417a	5937.550993
1	7 Site Visit / Action Recommended	401a	5896.283985
1	8 Site Visit / Action Recommended	475a	5766.458487
	9 Site Visit / Action Recommended	493a	5609.625742
2	0 Site Visit / Action Recommended	509a	4790.485307
2	1 Site Visit / Action Recommended	427a	4276.681942
2	2 Site Visit / Action Recommended	416a	3948.333935
2	3 Further Evaluation	162b	156994.5599
2	4 Further Evaluation	728b	104252.2141
2	5 Further Evaluation	153b	95707.864
2	6 Further Evaluation	721b	52045.67103
2	7 Further Evaluation	752b	49339.49561
2	8 Further Evaluation	164b	43052.76226
2	9 Further Evaluation	785b	36273.75425
3	0 Further Evaluation	771b	31666.09807
3	1 Further Evaluation	704b	31624.99964
3	2 Further Evaluation	778b	23375.38522
3	3 Further Evaluation	177b	20852.02152
3	4 Further Evaluation	710b	19841.73955
3	5 Further Evaluation	135b	14675.18204
3	6 Further Evaluation	780b	14664.98141
3	7 Further Evaluation	727b	11588.64321
3	8 Further Evaluation	133b	11018.75048
3	9 Further Evaluation	741b	9752.534249
4	0 Further Evaluation	763b	9589.497371
4	1 Further Evaluation	793b	9117.195818
4	2 Further Evaluation	738b	8741.115593
4	3 Further Evaluation	754b	7600.926772
4	4 Further Evaluation	179b	7342.744861
4	5 Further Evaluation	175b	7203.495337
4	6 Further Evaluation	740b	6947.005687
4	7 Further Evaluation	156b	6339.6556
4	8 Further Evaluation	163b	5309.812769
4	9 Further Evaluation	160b	4900.380086
5	0 Further Evaluation	779b	4700.261819
5	1 Further Evaluation	782b	4463.970743
5	2 Further Evaluation	134b	4203.876213
5	3 Further Evaluation	152b	4039.989175
_	4 Further Evaluation	137b	4023.791085
_	5 Further Evaluation	178b	3907.544866
_	6 Further Evaluation	731b	3747.213947
_	7 Further Evaluation	712b	3605.674317
_	8 Further Evaluation	734b	1634.836429
_	9 Further Evaluation	769b	152.7525144
_			

		2	
Rank	Action	Area Nam	
60 Monitorin	-	1275c	22178885.76
61 Monitorin	•	1292c	14929683.17
62 Monitorin	g	1277c	3142811.325
63 Monitorin	g	1295c	2706803.724
64 Monitorin	g	1260c	1419640.641
65 Monitorin	g	459c	64072.28571
66 Monitorin	g	466c	50631.71415
67 Monitorin	g	404c	48596.29494
68 Monitorin	g	405c	38414.89283
69 Monitorin	g	500c	35441.47507
70 Monitorin	g	982c	33449.22477
71 Monitorin	g	975c	25902.08888
72 Monitorin	g	501c	21596.82262
73 Monitorin	g	426c	20740.88837
74 Monitorin	g	988c	17683.81714
75 Monitorin	g	469c	17263.04508
76 Monitorin	g	1273c	16632.10133
77 Monitorin	g	401c	13685.7342
78 Monitorin	g	495c	13639.15041
79 Monitorin	g	479c	12728.34257
80 Monitorin	g	468c	12374.88508
81 Monitorin	g	408c	12158.90338
82 Monitorin	g	976c	11992.42252
83 Monitorin	g	402c	11228.87543
84 Monitorin	g	983c	10710.29126
85 Monitorin	g	403c	9487.538458
86 Monitorin	g	476c	9467.501172
87 Monitorin	g	460c	8613.17151
88 Monitorin	g	430c	8149.83984
89 Monitorin	g	517c	8122.235135
90 Monitorin	g	418c	7550.314681
91 Monitorin	g	960c	7381.666941
92 Monitorin	g	480c	6488.818664
93 Monitorin	g	407c	6451.900212
94 Monitorin	g	465c	6346.434348
95 Monitorin	g	506c	6181.143254
96 Monitorin	g	504c	5461.283531
97 Monitorin	g	1289c	4691.932619
98 Monitorin	-	478c	4480.356458
99 Monitorin	g	521c	4457.022454
100 Monitorin	g	455c	4174.872577
101 Monitorin		981c	3845.7118
102 Monitorin	g	999c	3002.378822
103 Monitorin	g	995c	1646.892317

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Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	108a	129342.2519
	2 Site Visit / Action Recommended	247a	115311.7006
	3 Site Visit / Action Recommended	260a	82351.72746
	4 Site Visit / Action Recommended 5 Site Visit / Action Recommended	104a 65a	74017.23604 60989.64481
	6 Site Visit / Action Recommended	231a	49989.67324
	7 Site Visit / Action Recommended	61a	33605.67751
	8 Site Visit / Action Recommended	51a	30409.13112
	9 Site Visit / Action Recommended	59a	23307.01412
	0 Site Visit / Action Recommended	99a	21968.21436
	1 Site Visit / Action Recommended	100a	18641.16461
1	2 Site Visit / Action Recommended	102a	13825.68352
1	3 Site Visit / Action Recommended	179a	12647.56599
1	4 Site Visit / Action Recommended	43a	5879.86565
1	5 Site Visit / Action Recommended	95a	5016.521665
1	6 Further Evaluation	27b	37008.94342
1	7 Further Evaluation	529b	27197.07598
	8 Further Evaluation	360b	21867.30852
	9 Further Evaluation	536b	17560.65052
	0 Further Evaluation	32b	14757.52906
_	1 Further Evaluation	369b	11613.94717
_	2 Further Evaluation	403b	8984.380917
	3 Further Evaluation	366b	8000.501376
	4 Further Evaluation	392b	7512.907237
	5 Further Evaluation 6 Further Evaluation	398b	6991.312902
	o Further Evaluation 7 Further Evaluation	475b 30b	6342.676276 6271.635622
	8 Further Evaluation	359b	6175.288843
	9 Further Evaluation	362b	5351.439687
	0 Further Evaluation	18b	5315.317527
	1 Further Evaluation	67b	4688.991923
	2 Further Evaluation	393b	4664.142898
3	3 Further Evaluation	23b	4414.244655
3	4 Further Evaluation	356b	4182.433726
3	5 Further Evaluation	555b	3493.902035
3	6 Further Evaluation	554b	1657.200269
3	7 Further Evaluation	542b	1256.384153
	8 Further Evaluation	553b	1003.415797
	9 Monitoring	1154c	5981918.21
	0 Monitoring	1198c	2471401.208
	1 Monitoring	1120c	1359779.282
	2 Monitoring	1179c	1295423.437
	3 Monitoring	1141c	1220599.495
	4 Monitoring	1130c	1198802.864
	5 Monitoring 6 Monitoring	168c 208c	56237.24354 10663.0602
	7 Monitoring	60c	7354.787483
	8 Monitoring	179c	7023.680752
	9 Monitoring	89c	6207.251904
	0 Monitoring	95c	5957.661233
	1 Monitoring	853c	5459.990239
	2 Monitoring	55c	5029.149788
	3 Monitoring	845c	3995.130783
	4 Monitoring	850c	2130.6037
	5 Monitoring	842c	1423.820858
5	6 Monitoring	851c	1401.598878
	7 Monitoring	1115c	1385.884713
	8 Monitoring	1176c	154.4256905
5	9 Monitoring	854c	14.81392851

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Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	564a	834838.0859
	2 Site Visit / Action Recommended	504a	360316.5115
	3 Site Visit / Action Recommended	517a	358015.3292
	4 Site Visit / Action Recommended	515a	271925.3581
;	5 Site Visit / Action Recommended	496a	81948.0172
(Site Visit / Action Recommended	529a	80962.1412
	7 Site Visit / Action Recommended	555a	69078.2525
;	8 Site Visit / Action Recommended	538a	64449.93908
!	9 Site Visit / Action Recommended	530a	40023.9648
10	Site Visit / Action Recommended	520a	31339.98577
1	1 Site Visit / Action Recommended	554a	20533.084
1:	2 Site Visit / Action Recommended	510a	16171.37661
1:	3 Site Visit / Action Recommended	528a	15311.45601
14	4 Site Visit / Action Recommended	549a	12391.46642
1	5 Site Visit / Action Recommended	514a	11821.23074
10	Site Visit / Action Recommended	568a	7241.178231
1	7 Site Visit / Action Recommended	567a	6564.073764
18	8 Site Visit / Action Recommended	557a	5288.364979
19	9 Further Evaluation	841b	781204.2642
20	Further Evaluation	791b	749524.9409
2	1 Further Evaluation	799b	688614.574
2:	2 Further Evaluation	203b	329813.1494
2:	3 Further Evaluation	807b	247456.9763
24	4 Further Evaluation	202b	215732.2625
2	5 Further Evaluation	204b	199935.2093
20	Further Evaluation	196b	119537.7167
2.	7 Further Evaluation	197b	114183.0614
28	8 Further Evaluation	206b	68025.98005
	9 Further Evaluation	795b	32266.60032
30	Further Evaluation	185b	19069.12734
3	1 Further Evaluation	194b	13340.44986
	2 Further Evaluation	176b	12783.14372
	3 Further Evaluation	198b	11003.71573
34	4 Further Evaluation	189b	9577.191659
3:	5 Further Evaluation	191b	8344.647098
-	6 Further Evaluation	805b	6480.631871
3	7 Further Evaluation	193b	5801.455024
_	3 Further Evaluation	188b	5407.304902
	9 Further Evaluation	201b	4995.152095
_	Further Evaluation	182b	4477.701043
	1 Further Evaluation	187b	3965.548879
	2 Further Evaluation	797b	3947.998669
	3 Further Evaluation	844b	3500.553523
	4 Further Evaluation	829b	3421.723725
	5 Further Evaluation	808b	2498.623003
	6 Further Evaluation	783b	1013.539243
	7 Further Evaluation	806b	965.1164726
	3 Further Evaluation	830b	892.8029746
= :	9 Monitoring	1316c	3818671.015
	O Monitoring	1319c	3017289.272
	1 Monitoring	1312c	2675353.889
	2 Monitoring	1336c	1988711.951
	3 Monitoring	1307c	1625906.229
	5 Monitoring 4 Monitoring	1307c	1568938.813
	•		1275283.96
	5 Monitoring	1335c	
	6 Monitoring	1296c	962757.6949
	7 Monitoring	1291c	434252.0249
	3 Monitoring 9 Monitoring	1305c 1018c	155483.5479 119004.4323
5:	- wormoring	10100	118004.4323

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Rank	Action	Area Name	Area (m^2)
	Monitoring	569c	68414.81147
	Monitoring	567c	33760.27303
	Monitoring	529c	32620.23505
	Monitoring	568c	30059.27561
	Monitoring	519c	28479.75671
	Monitoring	1311c	26402.3718
	Monitoring	548c	23950.90395
	Monitoring	496c	18973.39892
	Monitoring	566c	17758.86859
	Monitoring	1287c	16251.17172
	Monitoring	534c	13084.05299
	Monitoring	545c	12807.54125
	Monitoring	587c	11224.20525
	Monitoring	511c	9726.105186
	Monitoring	562c	8853.34647
	Monitoring	549c	8505.193102
	Monitoring	544c	8466.015242
	Monitoring	1006c	8212.909983
	Monitoring	498c	7920.258355
	Monitoring	553c	6751.787441
80	Monitoring	550c	6703.621405
	Monitoring	1294c	6655.317962
82	Monitoring	531c	6268.354568
83	Monitoring	1297c	5726.525749
	Monitoring	536c	5435.258322
85	Monitoring	570c	5186.865018
86	Monitoring	539c	5044.453266
87	Monitoring	565c	4667.408478
88	Monitoring	515c	4641.129827
89	Monitoring	535c	4566.853392
90	Monitoring	1008c	4559.051425
91	Monitoring	552c	4219.269799
92	Monitoring	526c	4024.966354
93	Monitoring	1286c	3970.026082
94	Monitoring	1001c	3805.402753
95	Monitoring	555c	3695.396564
96	Monitoring	573c	3639.07225
97	Monitoring	557c	3544.828581
98	Monitoring	1010c	3478.586637
99	Monitoring	510c	3399.00278
100	Monitoring	1326c	3350.863995
101	Monitoring	1325c	2165.155642
102	Monitoring	1304c	842.3422915
103	Monitoring	1004c	783.5188377
104	Monitoring	1323c	775.1352796
105	Monitoring	1328c	596.6118143
106	Monitoring	1016c	341.5319458
107	Monitoring	1301c	320.33928
	Monitoring	509c	318.680899
	Monitoring	1285c	260.8071259
110	Monitoring	523c	94.492112

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Rank	Action	Area Name	Area (m^2)
	Site Visit / Action Recommended	351a	162033.3275
	Site Visit / Action Recommended	294a	157272.6405
_	Site Visit / Action Recommended	264a	35839.46246
	Site Visit / Action Recommended	347a	32999.60317
_	Site Visit / Action Recommended	331a	21553.73936
	Site Visit / Action Recommended	344a	18973.30597
	Site Visit / Action Recommended	342a	7075.138804
-	Site Visit / Action Recommended	396a	6884.813021
9	Site Visit / Action Recommended	310a	5129.828379
	Site Visit / Action Recommended	239a	5095.277223
	Site Visit / Action Recommended	367a	4059.644145
	Further Evaluation	125b	372458.6476
	Further Evaluation	649b	40914.0275
	Further Evaluation	102b	37404.66126
_	Further Evaluation	624b	32512.86397
	Further Evaluation	645b	27509.29604
• •	Further Evaluation	78b	23722.23578
_	Further Evaluation	594b	21623.91043
	Further Evaluation	570b	13403.95418
20	Further Evaluation	693b	9747.757045
	Further Evaluation	562b	8893.859636
22	Further Evaluation	683b	8254.111344
-	Further Evaluation	592b	8011.091421
24	Further Evaluation	87b	7813.440065
25	Further Evaluation	128b	7714.423153
26	Further Evaluation	534b	5251.461378
27	Further Evaluation	77b	4916.427781
28	Further Evaluation	643b	4805.350143
29	Further Evaluation	631b	3779.944114
30	Further Evaluation	665b	3266.113879
	Further Evaluation	610b	1235.499212
	Monitoring	1250c	10492923.77
33	Monitoring	1189c	2945479.258
	Monitoring	1191c	2096621.84
	Monitoring	1257c	307779.849
	Monitoring	1255c	244814.1102
	Monitoring	399c	236493.1057
38	Monitoring	953c	186493.9979
	Monitoring	1183c	179217.2297
	Monitoring	365c	85364.07804
	Monitoring	1254c	75388.3204
	Monitoring	300c	61770.23868
	Monitoring	308c	36175.27268
	Monitoring	956c	32583.47541
	Monitoring	320c	17875.74895
	Monitoring	377c	16424.21271
	Monitoring	323c	16176.27126
	Monitoring	328c	15650.86439
	Monitoring	322c	15413.10892
	Monitoring	321c	12836.02248
	Monitoring	264c	8760.263286
	Monitoring	327c	8019.937601
	Monitoring	273c	7440.795855
	Monitoring	284c	7223.785082
	Monitoring	252c	7109.681351
	Monitoring	266c	6519.861185
	Monitoring	317c	6012.327329
	Monitoring	366c	5510.601855
59	Monitoring	908c	5270.939426

	2		
Rank	Action	Area Name	Area (m^2)
60 Monit	oring	329c	4995.132902
61 Monit	oring	219c	3779.70966
62 Monit	oring	933c	1365.424846

	1		
Rank	Action	Area Name	Area (m^2)
	1 Site Visit / Action Recommended	799a	604781.1656
	2 Site Visit / Action Recommended	833a	243773.065
	3 Site Visit / Action Recommended	808a	196942.9358
	4 Site Visit / Action Recommended	803a	109341.8084
	5 Site Visit / Action Recommended	807a	102257.8785
	6 Site Visit / Action Recommended	832a	87632.93645
	7 Site Visit / Action Recommended	845a	69060.74348
	8 Site Visit / Action Recommended	823a	67302.84571
	9 Site Visit / Action Recommended	821a	53760.96356
	10 Site Visit / Action Recommended	817a	48237.2207
	11 Site Visit / Action Recommended	797a	45034.35225
	12 Site Visit / Action Recommended	836a	42901.40253
	13 Site Visit / Action Recommended	813a	42169.89503
	14 Site Visit / Action Recommended15 Site Visit / Action Recommended	804a 819a	36634.33039 35405.13187
	16 Site Visit / Action Recommended	826a	34714.19919
	17 Site Visit / Action Recommended	822a	26034.65475
	18 Site Visit / Action Recommended	800a	23870.2468
	19 Site Visit / Action Recommended	815a	23604.01754
	20 Site Visit / Action Recommended	830a	21975.49842
	21 Site Visit / Action Recommended	809a	21596.60321
	22 Site Visit / Action Recommended	839a	19952.93192
	23 Site Visit / Action Recommended	831a	15515.15351
	24 Site Visit / Action Recommended	796a	14011.27757
	25 Site Visit / Action Recommended	816a	10555.68339
	26 Site Visit / Action Recommended	812a	9845.693969
	27 Site Visit / Action Recommended	811a	9703.361329
	28 Site Visit / Action Recommended	838a	5248.712648
	29 Site Visit / Action Recommended	820a	5220.129635
	30 Site Visit / Action Recommended	794a	5038.076916
	31 Site Visit / Action Recommended	824a	4891.267376
	32 Further Evaluation	1063b	687970.1356
	33 Further Evaluation	280b	212004.1589
	34 Further Evaluation	1094b	84454.22443
	35 Further Evaluation	1082b	82816.17358
	36 Further Evaluation	1065b	51703.67948
	37 Further Evaluation	286b	32703.77585
	38 Further Evaluation	1091b	22994.18344
	39 Further Evaluation	1081b	22752.25034
	40 Further Evaluation	1098b	22555.50676
	41 Further Evaluation	295b	21227.69346
	42 Further Evaluation	299b	19170.19242
	43 Further Evaluation	275b	18778.66292
	44 Further Evaluation 45 Further Evaluation	1071b	16071.49302
	46 Further Evaluation	1101b	10664.14206
	47 Further Evaluation	1070b 1073b	10413.62676 9858.607329
	48 Further Evaluation	277b	9307.640434
	49 Further Evaluation	274b	9011.397067
	50 Further Evaluation	1072b	8496.766972
	51 Further Evaluation	1090b	8155.437957
	52 Further Evaluation	1057b	5958.848832
	53 Further Evaluation	1078b	5935.99238
	54 Further Evaluation	1054b	5418.6004
	55 Further Evaluation	1079b	5214.186853
	56 Further Evaluation	1083b	5209.945996
	57 Further Evaluation	293b	5095.649544
	58 Further Evaluation	289b	4746.1422
	59 Further Evaluation	1061b	4541.835664

		2	
Rank	Action	Area Name	Area (m^2)
	Further Evaluation	1077b	4420.536724
	Further Evaluation	1088b	4266.669311
	Further Evaluation	294b	3951.641599
	Further Evaluation	1052b	2986.445936
	Further Evaluation	1106b	2505.754506
65	Further Evaluation	1056b	2307.99234
66	Further Evaluation	1074b	1826.663968
	Further Evaluation	1099b	1436.459734
	Further Evaluation	1068b	448.7737263
	Further Evaluation	1076b	0.866331389
70	Monitoring	1428c	6236095.226
71	Monitoring	1414c	4835952.339
72	Monitoring	1433c	3459013.089
73	Monitoring	1413c	2177902.923
74	Monitoring	1418c	1877862.703
	Monitoring	1420c	1660158.235
76	Monitoring	1424c	1559865.495
77	Monitoring	1415c	1432778.997
78	Monitoring	785c	111580.9885
79	Monitoring	775c	94407.9281
80	Monitoring	801c	86540.37394
81	Monitoring	802c	51064.79954
82	Monitoring	774c	50402.87465
83	Monitoring	777c	40465.24722
84	Monitoring	790c	32144.28077
85	Monitoring	786c	14162.69326
86	Monitoring	813c	13707.54701
87	Monitoring	797c	10438.95194
88	Monitoring	814c	9590.033515
89	Monitoring	771c	8687.720296
90	Monitoring	767c	7520.982827
91	Monitoring	799c	7074.368159
92	Monitoring	1419c	6855.9516
93	Monitoring	751c	6522.271315
94	Monitoring	1071c	6521.177231
95	Monitoring	803c	6151.382443
96	Monitoring	1078c	6077.264462
97	Monitoring	812c	5524.527731
98	Monitoring	815c	5434.620989
99	Monitoring	765c	5412.12298
100	Monitoring	796c	5145.067235
101	Monitoring	763c	4923.411329
102	Monitoring	754c	4391.142301
103	Monitoring	762c	4374.709283
104	Monitoring	1072c	4101.544929
105	Monitoring	811c	4076.879701
106	Monitoring	784c	3649.595397
107	Monitoring	1069c	3578.576147
108	Monitoring	1093c	2494.756846
109	Monitoring	1089c	2454.052287
110	Monitoring	1080c	2413.956699
111	Monitoring	1077c	263.5174642

	1		
Rank	Action	Area Name	Area (m^2)
	Site Visit / Action Recommended	380a	262425.375
	Site Visit / Action Recommended	348a	48187.22392
_	Site Visit / Action Recommended	262a	45722.54983
	Site Visit / Action Recommended Site Visit / Action Recommended	373a 295a	44052.08273 35806.17997
_	Site Visit / Action Recommended	293a 291a	24568.40158
	Site Visit / Action Recommended	255a	20647.35078
	Site Visit / Action Recommended	244a	18768.78505
_	Site Visit / Action Recommended	345a	14125.78375
	Site Visit / Action Recommended	256a	8763.172111
	Site Visit / Action Recommended	346a	7849.086339
	Site Visit / Action Recommended	374a	7308.596461
13	Site Visit / Action Recommended	343a	6462.861598
14	Site Visit / Action Recommended	371a	6130.560542
15	Site Visit / Action Recommended	253a	4795.939635
16	Site Visit / Action Recommended	362a	4742.96355
17	Site Visit / Action Recommended	349a	4586.319282
_	Site Visit / Action Recommended	254a	3752.167022
	Further Evaluation	669b	40112.66135
	Further Evaluation	114b	34009.89967
	Further Evaluation	673b	20981.82466
	Further Evaluation	681b	20712.95565
_	Further Evaluation	540b	20497.5495
	Further Evaluation	657b	14323.00779
	Further Evaluation Further Evaluation	81b 596b	13458.20449
	Further Evaluation	99b	13170.22333 12025.65279
	Further Evaluation	99b 676b	11387.33767
_	Further Evaluation	671b	10572.80764
	Further Evaluation	644b	10133.29076
	Further Evaluation	670b	9425.978134
	Further Evaluation	551b	9376.021807
33	Further Evaluation	640b	6901.267549
34	Further Evaluation	86b	6091.545482
35	Further Evaluation	661b	6012.042057
36	Further Evaluation	117b	5472.974369
37	Further Evaluation	97b	5182.829908
38	Further Evaluation	648b	4598.403828
	Further Evaluation	593b	4528.045711
	Further Evaluation	642b	4150.594766
	Further Evaluation	641b	2254.098775
	Further Evaluation	549b	1719.121325
	Monitoring	1246c	6931751.645
	Monitoring	1194c	1384587.009
	Monitoring	1202c	978862.4514
	Monitoring Monitoring	1249c 367c	960900.7393 42364.11269
	Monitoring	248c	20328.53106
	Monitoring	246c	18276.49992
	Monitoring	342c	18095.40283
	Monitoring	265c	16336.28399
	Monitoring	363c	15844.84524
	Monitoring	249c	14377.79827
	Monitoring	250c	12482.71082
	Monitoring	355c	10970.86982
	Monitoring	934c	10142.79226
	Monitoring	255c	9940.262108
58	Monitoring	240c	9643.595023
59	Monitoring	297c	7235.351876

2				
Rank	Action	Area Name	Area (m^2)	
60 Monit	oring	357c	7035.645901	
61 Monit	oring	311c	6860.089185	
62 Monit	oring	243c	6547.052923	
63 Monit	oring	319c	6544.650197	
64 Monit	oring	948c	6455.509688	
65 Monit	oring	942c	6310.22178	
66 Monit	oring	946c	6022.081033	
67 Monit	oring	360c	5693.461741	
68 Monit	oring	257c	4872.664121	
69 Monit	oring	244c	4652.996503	
70 Monit	oring	922c	4292.048767	
71 Monit	oring	353c	4036.341088	
72 Monit	oring	368c	3964.21004	
73 Monit	oring	245c	3712.525322	
74 Monit	oring	902c	824.5827549	

124 Monitoring	1015c	8261.854267
125 Monitoring	599c	7511.969138
126 Monitoring	595c	7092.009826
127 Monitoring	574c	6593.850282
128 Monitoring	596c	6412.91341
129 Monitoring	654c	5859.890632
130 Monitoring	608c	5782.644889
131 Monitoring	617c	5455.835678
132 Monitoring	551c	5334.945832
133 Monitoring	633c	4653.78009
134 Monitoring	577c	4621.85846
135 Monitoring	613c	4593.871876
136 Monitoring	572c	4560.129347
137 Monitoring	637c	4519.304184
138 Monitoring	627c	4448.611727
139 Monitoring	635c	4144.494025
140 Monitoring	593c	3912.637336
141 Monitoring	581c	3875.904167
142 Monitoring	584c	2478.280192
143 Monitoring	585c	1277.849877
144 Monitoring	651c	564.3689852
145 Monitoring	618c	354.671591