

UNINERSHITTERMOLOGI MARA

PACIATY OF CIVIL ENGINEERING LITTLE KAMPUS PASAR GLIDANG

INDUSTRIAL TRAINING REPORT

NUM ALIFAM ILYANA BINTI ROSLAN /20152144441

STUDIOUKUR GEOMATICS SDN. BHD 23-2 JALAN RADIN ANUM, SRI PETALING, 51000 KUALA LUMPUR

APR 2017

ABSTRACT

ernship report consist of four chapter which I try to explain my two months nce in Studioukur Geomatics Sdn. Bhd. The content of all chapters is broadly ed and it is constructed from the practical basis of the work ended all months.

opening chapter, I give to the company background including its mission, and the previous project those runs through the company.

ond chapter is the most hunted chapter which explain my overall internship in the successive months. This chapter is the main chapter that I recorded work that I have done in the industrial logbook that have been provided to me.

all those chapters explained above I goes to the third chapter and explain the benefits of the industrial training in different aspects and area. The advantages gains of the industrial training putted in short and prices way to grasp the ion of readers and evaluators.

final and forth chapter explains about the lessons learns which are skill oped through the industrial training. The knowledge gained through the ienced of working in the company also being write in to it.

ACKNOWLEDGEMENT

of all, I would like to gratitude to Almighty Allah SWT for His Mercy who me golden opportunity and enabling me to complete and ease my industrial ing in civil engineering for four weeks in Studioukur Geomatics Sdn.Bhd. I also like to thank my parents for giving me advice, support and spirit to lete my industrial training with higher knowledge in civil engineering.

uld hereby like to express my profound sense of gratitude to Ng See Eng, nsed Land Surveyor, and Managing Director for giving me the opportunity to out my industrial training inside of his company.

nvey my sincere gratitude to my academic supervisor Dr Aruan Effendy from versiti Teknologi Mara Shah Alam and industrial supervisor Chong Lih Fa. hout their kind direction and proper guidance this study have been a little success. ery phase of the project, their supervision and guidance shape this report to be pleted perfectly.

TABLE OF CONTENT

TOPIC	PAGES
CHAPTER 1: INTRODUCTION	
1.1 Introduction	8
1.2 Background of the Company	9
1.3 Organizational Structure	10
1.4 Nature of the Business	11
1.5 Products	12-17
1.6 Market Strength	18
1.7 Conclusion	21
CHAPTER 2: TRAINING ATTENDED	
2.1 Introduction	22
2.2 Exposure Level	23-36
2.3 Conclusion	37
CHAPTER 3: TECHNICAL REPORT	
3.1 Introduction	38
3.2 Problem Encountered and How To Overcome	39
3.3 Experience Gained	40
3.4 Conclusion	41
CHAPTER 4: CONCLUSION	
4.1 Introduction	42
4.2 Lesson Learned - Knowledge Gained	43
4.3 Suitability of Organization	44
4.4 Limitations and Recommendations	45
REFERENCES	46
APPENDICES	47

LIST OF FIGURES

Figure 1.2.1: Company Logo

Figure 1.5.1: Cadastral

Figure 1.5.2: Deformation

Figure 1.5.3: Engineering

Figure 1.5.4: Strata Title

Figure 1.5.5: Topographical Mapping

Figure 2.2.1: Civil Design Survey Software

Figure 2.2.2: Autodesk AutoCAD Map 3D

Figure 2.2.3: Strata Plan

Figure 2.2.5: Open traverse

Figure 2.2.6: closed traverse

Figure 2.2.7: Key in traverse

Figure 2.2.8: Surfer 14 software

Figure 2.2.9: Example of Topographical map with contour line

Figure 2.2.10: Topographical Map with Contour Line

Figure 2.2.11: Example of 3D map

Figure 2.2.11: 3D map from previous project

Figure 3.2.1: Theodolite Nikon