CONTENTS

	Page
Legislation sheet	i
Biography	ii
Abstract	iii
Acknowledgement	iv
Contents	vi
List of Table	vii
List of Figure	viii
List of Appendix	ix
CHAPTER I INTRODUCTION	**1**
1.1. Research Statement	1
1.2. Problem Statement	4
1.3. Scope of The Study	5
1.4. Research Question	5
1.5. Research Aim	5
1.6. Significance of The Study	5
CHAPTER II LITERATURE REVIEW	**7**
2.1. Theoretical Framework	7
2.1.1. Science Process Skill	7
2.2. Understanding	12
2.3 Learning Model	12
2.3.1. Discovery Learning	13
2.3.1.1 The Meaning of Discovery Learning and Teaching	13
2.3.1.2. Presumed Advantage of the Discovery Method	16
2.3.1.3 Presumed Disadvantage of Discovery Learning	16
2.3.1.4 Dimension of Discovery Learning	17
2.4 Conceptual Framework	17
CHAPTER III RESEARCH METHODOLOGY	**19**
3.1 Research Time and Location	19
3.2 Research Population and Sample	19

3.3 Types and Research Design 19
3.4 Research Procedure 19
3.4.1 Cycle I 20
3.4.1.1 Problem 20
3.4.1.2 Action Plan I 21
3.4.1.3 Action Implementation I 21
3.4.1.4 Observation I 21
3.4.1.5 Data Analysis I 22
3.4.1.6 Reflection I 22
3.4.2 Cycle II 22
3.5 Instrument of Research 23
3.5.1 Test 23
3.5.2 Instrument Test for Science Skill Process 24
3.5.3 Data Reduction 24
3.6. Data Analysis Technique 25
3.6.1 Learning Outcome Data Analyzing 25
3.6.2 Science Process Skill data Analyzing 27
3.6.3 Get Conclusion 27
CHAPTER IV RESULT AND DISCUSSION 28
4.1. Resultsof Study 28
4.1.1. percentage of Learning Outcome 28
4.1.2. Student Mastery Level 29
4.1.3 Learning Completeness of Students 29
4.1.4 Science Process Skill 30
4.2 Discussion 32
4.2.1 Science Process Skill 32
4.2.2 Students Learning Outcome 33
CHAPTER V CONCLUSION AND RECOMMENDATION 35
5.1. Conclusions 35
5.2. Recommendation 35

REFERENCE 36