

SOME CONTACT METAMORPHIC
AND MANGANIFEROUS ROCKS FROM SOUTHERN
NEW ENGLAND

by

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SUMMARY

Some contact metamorphic rocks and manganese deposits were examined from an area near Tamworth. The manganese deposits were examined and manganese silicates and oxides are described from them. It was determined that the manganese deposits are probably of sedimentary origin, and may represent allochthonous blocks carried into the present sediments from some outside source. The contact metamorphism of the rocks and manganese deposits is examined. Conditions of metamorphism up to the high hornblende hornfels facies were detected in the sediments and volcanic rocks. The metamorphism on the manganese deposits is thought to have caused some decarbonation in two of the deposits.

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TABLE OF CONTENTS

	Page
SUMMARY	i.
ACKNOWLEDGEMENTS	ii.
INTRODUCTION	1
Chapter 1 REGIONAL GEOLOGY	5
Chapter 2 PALEOENVIRONMENT AND REGIONAL HISTORY	18
Chapter 3 MANGANESE IN THE WOOLOMIN BEDS	23
Chapter 4 THE GEOCHEMISTRY OF MANGANESE	32
Chapter 5 THE DEPOSITS -- SYNGENETIC OR EPIGENETIC	35
Chapter 6 SEDIMENTARY MANGANESE DEPOSITS	38
Chapter 7 MANGANESE IN MODERN OCEAN SEDIMENTS	49
Chapter 8 THE ORIGIN OF THE DEPOSITS -- A SYNTHESIS	58
Chapter 9 SINCE FORMATION -- DIAGENESIS AND METAMORPHISM	65
Chapter 10 CONTACT METAMORPHISM -- A PRELIMINARY DISCUSSION	72
Chapter 11 CONTACT METAMORPHISM -- THE SEDIMENTS	77
Chapter 12 CONTACT METAMORPHISM -- THE "VOLCANICS"	94
Chapter 13 CONTACT METAMORPHISM -- THE MANGANESE DEPOSITS	108
Chapter 14 CONTACT METAMORPHISM -- CONCLUSIONS	117
Appendix I OPTICAL AND ANALYTICAL METHODS	120
Appendix II ACMITE	122
References	125
Plates and Plate Explanations.	131