## **CONTENTS**

		Page
I.	STATEMENT OF THE PROBLEM	1
II.	REPORT OF THE BUILDING RESEARCH ADVISORY BOARD	3
III.	CONCLUSIONS AND RECOMMENDATIONS OR THE SPECIAL	
	ADVISORY COMMITTEE	5
	Vapor Barrier: What It is	5
	Vapor Barrier Requirements	5 5 5
	1.0 Properties Required When Used with Slab-on-Ground Construction	5
	2.0 Properties Required When Used as Ground Cover in Crawl Spaces	6
	Test Procedures	6
	Installation	7
	1.0 Installation Instructions	7
	2.0 Proper Installation Practices	7
	Research Recommendations	8
	1.0 Standard Test Procedures	8
	2.0 Test Methods for Coatings and Admixtures	8
	3.0 Moisture Migration	8
	4.0 Effect of Soil Poisons	8
	5.0 Adhesion of Barriers to Other Materials	8
	6.0 Service Life of Barriers	8
IV.	TEST PROCEDURES FOR EVALUATING VAPOR VARRIER	
	MATERIALS	9
	1.0 Procedure 1: Water – Vapor Transmission	9
	2.0 Procedure 2: Resistance to Transmission of Water Vapor after Alternate	
	Wetting and Drying	9
	3.0 Procedure 3: Resistance to Deterioration from Long-Time Soaking	9
	4.0 Procedure 4: Wet Tensile Strength	10
	5.0 Procedure 5: Resistance to Decay	10
	6.0 Procedure 6: Resistance to Abrasion	12
	7.0 Procedure 7: Resistance to Plastic Flow and Elevated Temperature	13