

IR 58-66  
FOR REFERENCE

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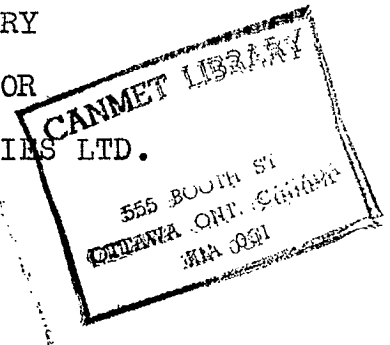
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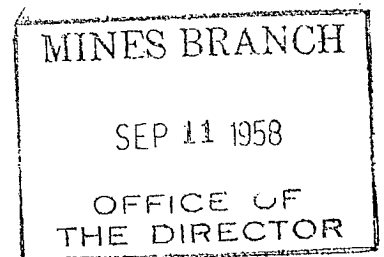
CANADA  
DEPARTMENT OF MINES AND TECHNICAL SURVEYS  
OTTAWA

Mines Branch Investigation Report IR 58-66

TESTING OF CASTABLE REFRACTORY  
PUROCAST, SAMPLE NO. 108, FOR  
REFRATORIES ENGINEERING & SUPPLIES LTD.



by  
S. Matthews  
Industrial Minerals Division



April 15, 1958

TEST DATA

Sample No. .... 108  
Product ..... Castable Refractory  
Brand Name ..... PUROCAST  
Submitted by ..... Refractories Engineering & Supplies Ltd.

	<u>A.S.T.M. Nomenclature</u>	<u>Results</u>
C 92 - 46	<u>Particle size:</u>	
	Sieve No. -4 +6	- 1.0%
	" " -6	- 99.0%
C 24-46	<u>Pyrometric Cone Equivalent</u>	- 35 - 36
	Approx. Temperature	- 3245 - 3279°F
C269 - 51X	<u>Permanent Linear Change</u>	- 1.8% Expansion
	after 5 hrs. at 2910°F	
C268 - 51Z	<u>Modulus of Rupture</u>	
	after drying at 239°F	- 300 psi
	after firing at 2000°F	- 140 psi

SM/LTD

S. Matthews  
Head  
Ceramic Section