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# The University of Texas at El Paso E83-10132

Department of  
Geological Sciences

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EL PASO, TEXAS 79968

Quarterly Report  
Contract NAS 5-26326  
Reporting Period 10/1/82-12/31/82 ✓

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National Aeronautics and Space Administration  
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Progress has continued on all aspects of the project. A paper entitled  
"Relation of MAGSAT anomalies to the main tectonic provinces of South  
America" was given at the annual meeting of the Society of Exploration  
Geophysicists in Dallas during the week of October 17-21.

The prime emphasis has been on the Rayleigh wave study and determination of  
both group and phase velocity dispersion is almost complete. Existing  
data sets have also been prepared for inversion.

n11



(E83-10132) [APPLICATION OF MAGSAT TO  
LITHOSPHERIC MODELING IN SOUTH AMERICA]  
Quarterly Report, 1 Oct. - 31 Dec. 1982  
(Texas Univ.) 1 p HC A02/MF A0

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