Forward Gravity Modeling Procedure for the IBM-PC



Shang-Fei Lai, G. Kendall Taylor,
and Jeff Gernand

I 00129

EGI Energy & Geoscience Institute

THE UNIVERSITY OF UTAH

TABLE OF CONTENTS

PURPOSE 1

PROCEDURE 3

CREATING AN INPUT FILE 5

Formatting a blank diskette 5

Copying files from another diskette 6

Creating the input file 8

To begin entering data 9

Choosing the parameters of the graph 13

Describing the anomalous bodies 14

Ending the input stage and requesting a listing of the input file 15

Requesting output and displaying the results 17

EDITING AN EXISTING FILE 21

Changing and inserting data 22

Final amended input file 25

PRINTING AN OUTPUT FILE 30

CONCLUDING REMARKS 33

APPENDICES

A. Summary of EDLIN commands 35

B. Other useful commands 36

C. Symbols available to describe vertices of anomalous bodies 37

D. Limits for input variables 38

LIST OF FIGURES

1. DEMO1 results on screen/printer 19

2. DEMO1 results on plotter 20

3. DEMO2 results on screen 27

4. DEMO2 results on plotter 29