

**GRAVITY AND MAGNETIC SURVEYS AT  
BRADY EARTH FISSURE PICACHO BASIN,  
PINAL COUNTY ARIZONA: RAW DATA**

by

Steven Slaff

Arizona Geological Survey  
**Open-File Report 93-1b**

April 1993

**Arizona Geological Survey**  
416 W. Congress, Suite #100, Tucson, Arizona 85701

*A Report to the U.S. Bureau of Reclamation*

This report is preliminary and has not been edited  
or reviewed for conformity with Arizona Geological Survey standards

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gravity6.out

Fri Nov 20 15:09:54 1992

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gravity data reduction - calculation of free air and bouguer gravity anomaly values

run title: stuff1

run date, time: Fri Nov 20 15:04:21 1992

filenames for input and output files

printer output on: gravity6.out

principal fact (input) file on: newdata6.out

gravity anomaly output file on: gravity6b.out

run parameters

alternate bouguer reduction densities (gm/cc): 2.20 2.40 2.60 2.80 3.00

theoretical gravity computed from IGSN71 formula

origin latitude, longitude(deg): 32.000, 111.000

gravity data in standard format

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principal fact list, anomalies at 2.67 gm/cc density

heading abbreviations: id-station identification; lat-latitude; long-longitude; alt-altitude; og-observed gravity;  
thg-theoretical gravity; faa-free air gravity anomaly; sba-simpple bouguer gravity anomaly;  
htc-hand terrain correction; ttc-total terrain correction; cc-curvature correction  
cba-complete bouguer gravity anomaly; s.d.cba-standard deviation of complete bouguer gravity anomaly

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id	lat	long	alt	og	thg	faa	sba	htc	ttc	cc	cba	s.d.cba	id
PBase	32 47.544	111 24.334	1614.14f	979345.023	979548.253	-51.40	-106.45	0.00	0.16	0.63	-106.92	0.10	PBase
Local	32 47.513	111 25.265	1590.07f	979376.103	979548.210	-22.54	-76.77	0.00	-0.01	0.63	-77.41	0.10	Local
T1-12	32 47.375	111 24.953	1611.10f	979376.644	979548.021	-19.83	-74.78	0.00	0.03	0.63	-75.38	0.10	T1-12
T1-11	32 47.391	111 24.988	1608.62f	979376.556	979548.043	-20.17	-75.04	0.00	0.02	0.63	-75.65	0.10	T1-11
T1-10	32 47.406	111 25.023	1605.91f	979376.510	979548.064	-20.50	-75.27	0.00	0.02	0.63	-75.88	0.10	T1-10
T1-09	32 47.421	111 25.057	1602.83f	979376.492	979548.085	-20.82	-75.49	0.00	0.01	0.63	-76.11	0.10	T1-09
T1-08	32 47.436	111 25.092	1601.39f	979376.346	979548.105	-21.13	-75.74	0.00	0.01	0.63	-76.36	0.10	T1-08
T1-07	32 47.452	111 25.127	1598.86f	979376.300	979548.127	-21.43	-75.96	0.00	0.01	0.63	-76.58	0.10	T1-07
T1-06	32 47.467	111 25.161	1596.57f	979376.234	979548.147	-21.73	-76.19	0.00	0.01	0.63	-76.81	0.10	T1-06
T1-05	32 47.482	111 25.196	1594.73f	979376.139	979548.168	-22.02	-76.41	0.00	0.00	0.63	-77.04	0.10	T1-05
T1-04	32 47.498	111 25.230	1592.88f	979376.073	979548.190	-22.28	-76.61	0.00	-0.01	0.63	-77.25	0.10	T1-04

gravity6.out

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Local	32	47.513	111	25.265	1590.07f	979376.078	979548.210	-22.56	-76.80	0.00	-0.01	0.63	-77.43	0.10	Local
T1-02	32	47.528	111	25.300	1588.34f	979375.983	979548.231	-22.84	-77.02	0.00	-0.02	0.63	-77.66	0.10	T1-02
T1-01	32	47.544	111	25.334	1586.47f	979375.899	979548.253	-23.12	-77.23	0.00	-0.02	0.63	-77.88	0.10	T1-01
T1-13	32	47.360	111	24.919	1614.14f	979376.670	979548.001	-19.50	-74.55	0.00	0.03	0.63	-75.16	0.10	T1-13
T1-14	32	47.345	111	24.884	1616.61f	979376.747	979547.980	-19.17	-74.30	0.00	0.03	0.64	-74.91	0.10	T1-14
T1-15	32	47.329	111	24.850	1618.66f	979376.863	979547.958	-18.84	-74.04	0.00	0.04	0.64	-74.64	0.10	T1-15
T1-16	32	47.314	111	24.815	1619.31f	979377.051	979547.938	-18.57	-73.80	0.00	0.04	0.64	-74.39	0.10	T1-16
T1-17	32	47.299	111	24.780	1622.38f	979377.078	979547.917	-18.23	-73.56	0.00	0.05	0.64	-74.15	0.10	T1-17
T1-18	32	47.284	111	24.746	1623.48f	979377.247	979547.897	-17.94	-73.31	0.00	0.05	0.64	-73.90	0.10	T1-18
T1-19	32	47.268	111	24.711	1626.40f	979377.286	979547.875	-17.60	-73.07	0.00	0.06	0.64	-73.65	0.10	T1-19
T1-20	32	47.253	111	24.676	1628.67f	979377.365	979547.854	-17.29	-72.84	0.00	0.06	0.64	-73.42	0.10	T1-20
T1-21	32	47.238	111	24.642	1631.83f	979377.394	979547.833	-16.94	-72.60	0.00	0.07	0.64	-73.17	0.10	T1-21
T1-22	32	47.222	111	24.607	1633.72f	979377.534	979547.812	-16.60	-72.32	0.00	0.08	0.64	-72.89	0.10	T1-22
T1-23	32	47.207	111	24.573	1637.06f	979377.544	979547.791	-16.26	-72.09	0.00	0.08	0.64	-72.66	0.10	T1-23
T1-24	32	47.192	111	24.538	1639.71f	979377.615	979547.771	-15.92	-71.84	0.00	0.08	0.64	-72.41	0.10	T1-24
T1-25	32	47.176	111	24.503	1642.62f	979377.655	979547.749	-15.58	-71.61	0.00	0.09	0.64	-72.16	0.10	T1-25
T1-26	32	47.161	111	24.469	1645.83f	979377.656	979547.728	-15.26	-71.39	0.00	0.10	0.65	-71.94	0.10	T1-26
Local	32	47.513	111	25.265	1590.07f	979376.121	979548.210	-22.52	-76.75	0.00	-0.01	0.63	-77.39	0.10	Local
PBase	32	47.544	111	24.334	1611.48f	979345.023	979548.253	-51.65	-106.61	0.00	0.17	0.63	-107.07	0.10	PBase

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date & time: Fri Nov 20 15:04:21 1992

multiple density sba and cba values  
densities (gm/cc)

			2.20	2.40	2.60	2.80	3.00	2.20	2.40	2.60	2.80	3.00				
id	lat	lon	elev	sba1	sba2	sba3	sba4	sba5	cba1	cba2	cba3	cba4	cba5	id		
PBase	32	47.54	111	24.33	1614.1	-96.76	-100.88	-105.01	-109.13	-113.25	-97.15	-101.31	-105.47	-109.63	-113.79	PBase
Local	32	47.51	111	25.26	1590.1	-67.22	-71.29	-75.35	-79.41	-83.47	-67.75	-71.86	-75.97	-80.08	-84.19	Local
T1-12	32	47.38	111	24.95	1611.1	-65.11	-69.22	-73.34	-77.46	-81.57	-65.60	-69.77	-73.93	-78.09	-82.25	T1-12
T1-11	32	47.39	111	24.99	1608.6	-65.38	-69.49	-73.60	-77.71	-81.82	-65.89	-70.04	-74.20	-78.35	-82.51	T1-11
T1-10	32	47.41	111	25.02	1605.9	-65.63	-69.73	-73.83	-77.93	-82.04	-66.13	-70.28	-74.43	-78.58	-82.72	T1-10
T1-09	32	47.42	111	25.06	1602.8	-65.87	-69.96	-74.06	-78.15	-82.25	-66.38	-70.52	-74.66	-78.80	-82.94	T1-09
T1-08	32	47.44	111	25.09	1601.4	-66.13	-70.22	-74.31	-78.40	-82.49	-66.64	-70.78	-74.92	-79.05	-83.19	T1-08
T1-07	32	47.45	111	25.13	1598.9	-66.36	-70.45	-74.53	-78.62	-82.70	-66.87	-71.01	-75.14	-79.27	-83.40	T1-07
T1-06	32	47.47	111	25.16	1596.6	-66.60	-70.68	-74.76	-78.84	-82.92	-67.11	-71.24	-75.36	-79.49	-83.61	T1-06
T1-05	32	47.48	111	25.20	1594.7	-66.84	-70.91	-74.99	-79.06	-83.14	-67.36	-71.48	-75.60	-79.72	-83.84	T1-05
T1-04	32	47.50	111	25.23	1592.9	-67.05	-71.12	-75.19	-79.26	-83.33	-67.57	-71.69	-75.81	-79.92	-84.04	T1-04
Local	32	47.51	111	25.26	1590.1	-67.25	-71.31	-75.37	-79.44	-83.50	-67.77	-71.88	-75.99	-80.10	-84.21	Local
T1-02	32	47.53	111	25.30	1588.3	-67.48	-71.54	-75.59	-79.65	-83.71	-68.01	-72.12	-76.22	-80.33	-84.44	T1-02
T1-01	32	47.54	111	25.33	1586.5	-67.71	-71.76	-75.81	-79.87	-83.92	-68.24	-72.34	-76.44	-80.54	-84.65	T1-01
T1-13	32	47.36	111	24.92	1614.1	-64.86	-68.98	-73.11	-77.23	-81.35	-65.36	-69.53	-73.70	-77.87	-82.03	T1-13
T1-14	32	47.35	111	24.88	1616.6	-64.60	-68.73	-72.86	-76.99	-81.12	-65.10	-69.27	-73.45	-77.62	-81.80	T1-14
T1-15	32	47.33	111	24.85	1618.7	-64.33	-68.46	-72.60	-76.73	-80.87	-64.82	-69.00	-73.18	-77.36	-81.54	T1-15
T1-16	32	47.31	111	24.82	1619.3	-64.07	-68.21	-72.35	-76.49	-80.62	-64.57	-68.75	-72.93	-77.11	-81.29	T1-16
T1-17	32	47.30	111	24.78	1622.4	-63.82	-67.97	-72.11	-76.26	-80.40	-64.31	-68.50	-72.69	-76.88	-81.06	T1-17
T1-18	32	47.28	111	24.75	1623.5	-63.56	-67.71	-71.86	-76.01	-80.15	-64.05	-68.24	-72.43	-76.62	-80.81	T1-18
T1-19	32	47.27	111	24.71	1626.4	-63.31	-67.46	-71.62	-75.77	-79.93	-63.79	-67.98	-72.18	-76.38	-80.58	T1-19
T1-20	32	47.25	111	24.68	1628.7	-63.06	-67.22	-71.38	-75.54	-79.70	-63.54	-67.74	-71.95	-76.15	-80.36	T1-20
T1-21	32	47.24	111	24.64	1631.8	-62.80	-66.97	-71.14	-75.31	-79.48	-63.27	-67.48	-71.70	-75.91	-80.12	T1-21
T1-22	32	47.22	111	24.61	1633.7	-62.52	-66.69	-70.86	-75.04	-79.21	-62.98	-67.19	-71.41	-75.63	-79.84	T1-22
T1-23	32	47.21	111	24.57	1637.1	-62.26	-66.45	-70.63	-74.81	-78.99	-62.73	-66.95	-71.18	-75.40	-79.63	T1-23
T1-24	32	47.19	111	24.54	1639.7	-62.00	-66.19	-70.38	-74.57	-78.75	-62.46	-66.69	-70.93	-75.16	-79.39	T1-24
T1-25	32	47.18	111	24.50	1642.6	-61.74	-65.94	-70.14	-74.33	-78.53	-62.20	-66.44	-70.68	-74.92	-79.15	T1-25
T1-26	32	47.16	111	24.47	1645.8	-61.51	-65.72	-69.92	-74.13	-78.33	-61.96	-66.21	-70.45	-74.70	-78.94	T1-26

gravity6.out

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Local	32	47.51	111	25.26	1590.1	-67.21	-71.27	-75.33	-79.39	-83.45	-67.73	-71.84	-75.95	-80.06	-84.17	Local
PBase	32	47.54	111	24.33	1611.5	-96.93	-101.05	-105.17	-109.29	-113.40	-97.32	-101.47	-105.62	-109.77	-113.92	PBase

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date &amp; time: Fri Nov 20 15:04:21 1992

uncertainty analysis for complete bouguer gravity anomalies at 2.67 gm/cc density  
 prefix s or sd stands for standard deviation, units are minutes, m or ft, mgals.

id	slat	slon	selev	sog	sttc	s.d.cba
PBase	0.001	0.001	0.1	0.100	0.016	0.10
Local	0.001	0.001	0.1	0.100	-0.001	0.10
T1-12	0.001	0.001	0.1	0.100	0.003	0.10
T1-11	0.001	0.001	0.1	0.100	0.002	0.10
T1-10	0.001	0.001	0.1	0.100	0.002	0.10
T1-09	0.001	0.001	0.1	0.100	0.001	0.10
T1-08	0.001	0.001	0.1	0.100	0.001	0.10
T1-07	0.001	0.001	0.1	0.100	0.001	0.10
T1-06	0.001	0.001	0.1	0.100	0.001	0.10
T1-05	0.001	0.001	0.1	0.100	0.000	0.10
T1-04	0.001	0.001	0.1	0.100	-0.001	0.10
Local	0.001	0.001	0.1	0.100	-0.001	0.10
T1-02	0.001	0.001	0.1	0.100	-0.002	0.10
T1-01	0.001	0.001	0.1	0.100	-0.002	0.10
T1-13	0.001	0.001	0.1	0.100	0.003	0.10
T1-14	0.001	0.001	0.1	0.100	0.003	0.10
T1-15	0.001	0.001	0.1	0.100	0.004	0.10
T1-16	0.001	0.001	0.1	0.100	0.004	0.10
T1-17	0.001	0.001	0.1	0.100	0.005	0.10
T1-18	0.001	0.001	0.1	0.100	0.005	0.10
T1-19	0.001	0.001	0.1	0.100	0.006	0.10
T1-20	0.001	0.001	0.1	0.100	0.006	0.10
T1-21	0.001	0.001	0.1	0.100	0.007	0.10
T1-22	0.001	0.001	0.1	0.100	0.008	0.10
T1-23	0.001	0.001	0.1	0.100	0.008	0.10
T1-24	0.001	0.001	0.1	0.100	0.008	0.10
T1-25	0.001	0.001	0.1	0.100	0.009	0.10
T1-26	0.001	0.001	0.1	0.100	0.010	0.10
Local	0.001	0.001	0.1	0.100	-0.001	0.10
PBase	0.001	0.001	0.1	0.100	0.017	0.10

end of run

gravity7.out

Fri Nov 20 15:09:54 1992

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gravity data reduction - calculation of free air and bouguer gravity anomaly values

run title: stuff1

run date, time: Fri Nov 20 15:04:25 1992

filenames for input and output files

printer output on: gravity7.out

principal fact (input) file on: newdata7.out

gravity anomaly output file on: gravity7b.out

run parameters

alternate bouguer reduction densities (gm/cc): 2.20 2.40 2.60 2.80 3.00

theoretical gravity computed from IGSN71 formula

origin latitude, longitude(deg): 32.000, 111.000

gravity data in standard format

principal fact list, anomalies at 2.67 gm/cc density

heading abbreviations: id-station identification; lat-latitude; long-longitude; alt-altitude; og-observed gravity;  
 thg-theoretical gravity; faa-free air gravity anomaly; sba-simpple bouguer gravity anomaly;  
 htc-hand terrain correction; ttc-total terrain correction; cc-curvature correction  
 cba-complete bouguer gravity anomaly; s.d.cba-standard deviation of complete bouguer gravity anomaly

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id	lat	long	alt	og	thg	faa	sba	htc	ttc	cc	cba	s.d.cba	id
PBase	32 47.544	111 24.334	1614.14f	979345.023	979548.253	-51.40	-106.45	0.00	0.16	0.63	-106.92	0.10	PBase
PBase	32 47.544	111 24.334	1614.14f	979345.023	979548.253	-51.40	-106.45	0.00	0.16	0.63	-106.92	0.10	PBase
Local	32 47.513	111 25.265	1590.07f	979376.106	979548.210	-22.54	-76.77	0.00	-0.01	0.63	-77.40	0.10	Local
T2-10	32 47.852	111 24.765	1614.53f	979375.744	979548.676	-21.06	-76.13	0.00	-0.02	0.63	-76.78	0.10	T2-10
T2-09	32 47.860	111 24.803	1612.57f	979375.673	979548.686	-21.33	-76.33	0.00	-0.02	0.63	-76.98	0.10	T2-09
T2-08	32 47.868	111 24.840	1609.91f	979375.652	979548.697	-21.61	-76.52	0.00	-0.03	0.63	-77.18	0.10	T2-08
T2-07	32 47.877	111 24.878	1608.08f	979375.581	979548.710	-21.87	-76.71	0.00	-0.03	0.63	-77.37	0.10	T2-07
T2-06	32 47.885	111 24.916	1605.76f	979375.560	979548.721	-22.12	-76.88	0.00	-0.03	0.63	-77.54	0.10	T2-06
T2-05	32 47.893	111 24.954	1603.34f	979375.518	979548.732	-22.40	-77.08	0.00	-0.03	0.63	-77.74	0.10	T2-05
T2-04	32 47.902	111 24.991	1601.08f	979375.507	979548.744	-22.63	-77.24	0.00	-0.04	0.63	-77.91	0.10	T2-04
T2-03	32 47.910	111 25.029	1598.79f	979375.465	979548.755	-22.90	-77.43	0.00	-0.04	0.63	-78.10	0.10	T2-03

T2-02	32	47.918	111	25.067	1596.70f	979375.433	979548.766	-23.14	-77.60	0.00	-0.05	0.63	-78.28	0.10	T2-02
T2-01	32	47.927	111	25.105	1593.49f	979375.471	979548.778	-23.42	-77.77	0.00	-0.04	0.63	-78.43	0.10	T2-01
T2-11	32	47.843	111	24.727	1616.80f	979375.797	979548.663	-20.78	-75.93	0.00	-0.01	0.64	-76.57	0.10	T2-11
T2-12	32	47.835	111	24.699	1618.91f	979375.835	979548.652	-20.54	-75.75	0.00	-0.01	0.64	-76.40	0.10	T2-12
T2-13	32	47.827	111	24.651	1620.81f	979375.913	979548.641	-20.27	-75.55	0.00	-0.01	0.64	-76.19	0.10	T2-13
T2-14	32	47.818	111	24.614	1623.54f	979375.931	979548.629	-19.98	-75.35	0.00	0.00	0.64	-75.99	0.10	T2-14
T2-15	32	47.810	111	24.576	1625.77f	979376.008	979548.618	-19.68	-75.13	0.00	0.00	0.64	-75.77	0.10	T2-15
T2-16	32	47.802	111	24.538	1628.86f	979376.026	979548.607	-19.36	-74.92	0.00	0.00	0.64	-75.56	0.10	T2-16
T2-17	32	47.793	111	24.500	1631.09f	979376.084	979548.595	-19.08	-74.71	0.00	0.01	0.64	-75.35	0.10	T2-17
T2-18	32	47.785	111	24.462	1633.57f	979376.142	979548.584	-18.78	-74.50	0.00	0.01	0.64	-75.13	0.10	T2-18
T2-19	32	47.777	111	24.425	1636.03f	979376.210	979548.573	-18.47	-74.27	0.00	0.02	0.64	-74.89	0.10	T2-19
T2-20	32	47.768	111	24.387	1639.04f	979376.248	979548.560	-18.14	-74.04	0.00	0.02	0.64	-74.66	0.10	T2-20
T2-21	32	47.760	111	24.349	1641.99f	979376.296	979548.549	-17.80	-73.80	0.00	0.02	0.64	-74.43	0.10	T2-21
T2-22	32	47.752	111	24.311	1644.40f	979376.384	979548.539	-17.48	-73.56	0.00	0.03	0.64	-74.18	0.10	T2-22
T2-23	32	47.743	111	24.274	1647.75f	979376.392	979548.526	-17.14	-73.34	0.00	0.03	0.65	-73.96	0.10	T2-23
T2-24	32	47.735	111	24.236	1650.51f	979376.431	979548.515	-16.83	-73.12	0.00	0.03	0.65	-73.74	0.10	T2-24
T2-25	32	47.727	111	24.198	1654.17f	979376.407	979548.504	-16.50	-72.92	0.00	0.04	0.65	-73.53	0.10	T2-25
T2-26	32	47.718	111	24.160	1656.96f	979376.456	979548.492	-16.18	-72.69	0.00	0.05	0.65	-73.29	0.10	T2-26
Local	32	47.513	111	25.265	1590.07f	979376.095	979548.210	-22.55	-76.78	0.00	-0.01	0.63	-77.41	0.10	Local
PBase	32	47.544	111	24.334	1614.14f	979345.023	979548.253	-51.40	-106.45	0.00	0.16	0.63	-106.92	0.10	PBase

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stuff1

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multiple density sba and cba values  
densities (gm/cc)

				2.20	2.40	2.60	2.80	3.00	2.20	2.40	2.60	2.80	3.00		
id	lat	lon	elev	sba1	sba2	sba3	sba4	sba5	cba1	cba2	cba3	cba4	cba5	id	
PBase	32	47.54	111	24.33	1614.1	-96.76	-100.88	-105.01	-109.13	-113.25	-97.15	-101.31	-105.47	-109.63	PBase
PBase	32	47.54	111	24.33	1614.1	-96.76	-100.88	-105.01	-109.13	-113.25	-97.15	-101.31	-105.47	-109.63	PBase
Local	32	47.51	111	25.26	1590.1	-67.22	-71.28	-75.35	-79.41	-83.47	-67.75	-71.86	-75.97	-80.08	Local
T2-10	32	47.85	111	24.76	1614.5	-66.43	-70.56	-74.68	-78.81	-82.93	-66.97	-71.15	-75.32	-79.50	T2-10
T2-09	32	47.86	111	24.80	1612.6	-66.65	-70.77	-74.89	-79.01	-83.12	-67.18	-71.35	-75.52	-79.69	T2-09
T2-08	32	47.87	111	24.84	1609.9	-66.85	-70.97	-75.08	-79.19	-83.30	-67.40	-71.56	-75.72	-79.89	T2-08
T2-07	32	47.88	111	24.88	1608.1	-67.06	-71.17	-75.27	-79.38	-83.49	-67.60	-71.76	-75.92	-80.08	T2-07
T2-06	32	47.88	111	24.92	1605.8	-67.24	-71.34	-75.45	-79.55	-83.65	-67.79	-71.94	-76.09	-80.24	T2-06
T2-05	32	47.89	111	24.95	1603.3	-67.46	-71.55	-75.65	-79.74	-83.84	-68.00	-72.15	-76.29	-80.44	T2-05
T2-04	32	47.90	111	24.99	1601.1	-67.63	-71.72	-75.81	-79.90	-83.99	-68.18	-72.32	-76.46	-80.60	T2-04
T2-03	32	47.91	111	25.03	1598.8	-67.83	-71.92	-76.00	-80.09	-84.17	-68.38	-72.52	-76.65	-80.79	T2-03
T2-02	32	47.92	111	25.07	1596.7	-68.01	-72.09	-76.17	-80.25	-84.33	-68.57	-72.70	-76.83	-80.96	T2-02
T2-01	32	47.93	111	25.10	1593.5	-68.20	-72.27	-76.34	-80.41	-84.48	-68.75	-72.87	-76.99	-81.11	T2-01
T2-11	32	47.84	111	24.73	1616.8	-66.22	-70.35	-74.48	-78.61	-82.74	-66.75	-70.93	-75.11	-79.29	T2-11
T2-12	32	47.83	111	24.70	1618.9	-66.03	-70.17	-74.30	-78.44	-82.58	-66.56	-70.75	-74.93	-79.12	T2-12
T2-13	32	47.83	111	24.65	1620.8	-65.82	-69.96	-74.10	-78.24	-82.38	-66.35	-70.54	-74.73	-78.92	T2-13
T2-14	32	47.82	111	24.61	1623.5	-65.61	-69.75	-73.90	-78.05	-82.20	-66.13	-70.33	-74.52	-78.72	T2-14
T2-15	32	47.81	111	24.58	1625.8	-65.37	-69.53	-73.68	-77.83	-81.99	-65.90	-70.10	-74.30	-78.50	T2-15
T2-16	32	47.80	111	24.54	1628.9	-65.14	-69.30	-73.46	-77.62	-81.78	-65.67	-69.88	-74.09	-78.29	T2-16
T2-17	32	47.79	111	24.50	1631.1	-64.92	-69.09	-73.26	-77.42	-81.59	-65.44	-69.66	-73.87	-78.08	T2-17
T2-18	32	47.78	111	24.46	1633.6	-64.69	-68.86	-73.04	-77.21	-81.38	-65.21	-69.43	-73.65	-77.87	T2-18
T2-19	32	47.78	111	24.42	1636.0	-64.45	-68.63	-72.81	-76.99	-81.17	-64.96	-69.19	-73.41	-77.64	T2-19
T2-20	32	47.77	111	24.39	1639.0	-64.20	-68.39	-72.57	-76.76	-80.95	-64.71	-68.95	-73.18	-77.41	T2-20
T2-21	32	47.76	111	24.35	1642.0	-63.95	-68.14	-72.34	-76.53	-80.73	-64.46	-68.70	-72.94	-77.18	T2-21
T2-22	32	47.75	111	24.31	1644.4	-63.69	-67.89	-72.09	-76.29	-80.49	-64.19	-68.44	-72.69	-76.94	T2-22
T2-23	32	47.74	111	24.27	1647.8	-63.45	-67.66	-71.87	-76.08	-80.28	-63.95	-68.21	-72.47	-76.72	T2-23
T2-24	32	47.74	111	24.24	1650.5	-63.21	-67.43	-71.65	-75.86	-80.08	-63.72	-67.99	-72.25	-76.51	T2-24



gravity7.out

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T2-25	32	47.73	111	24.20	1654.2	-62.99	-67.21	-71.44	-75.66	-79.89	-63.49	-67.76	-72.03	-76.30	-80.57	T2-25
T2-26	32	47.72	111	24.16	1657.0	-62.74	-66.97	-71.21	-75.44	-79.67	-63.23	-67.51	-71.79	-76.07	-80.35	T2-26
Local	32	47.51	111	25.26	1590.1	-67.23	-71.29	-75.36	-79.42	-83.48	-67.76	-71.87	-75.98	-80.09	-84.20	Local
PBase	32	47.54	111	24.33	1614.1	-96.76	-100.88	-105.01	-109.13	-113.25	-97.15	-101.31	-105.47	-109.63	-113.79	PBase

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stuff1

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uncertainty analysis for complete bouguer gravity anomalies at 2.67 gm/cc density  
 prefix s or sd stands for standard deviation, units are minutes, m or ft, mgals.

id	slat	slon	selev	sog	sttc	s.d.cba
PBase	0.001	0.001	0.1	0.100	0.016	0.10
PBase	0.001	0.001	0.1	0.100	0.016	0.10
Local	0.001	0.001	0.1	0.100	-0.001	0.10
T2-10	0.001	0.001	0.1	0.100	-0.002	0.10
T2-09	0.001	0.001	0.1	0.100	-0.002	0.10
T2-08	0.001	0.001	0.1	0.100	-0.003	0.10
T2-07	0.001	0.001	0.1	0.100	-0.003	0.10
T2-06	0.001	0.001	0.1	0.100	-0.003	0.10
T2-05	0.001	0.001	0.1	0.100	-0.003	0.10
T2-04	0.001	0.001	0.1	0.100	-0.004	0.10
T2-03	0.001	0.001	0.1	0.100	-0.004	0.10
T2-02	0.001	0.001	0.1	0.100	-0.005	0.10
T2-01	0.001	0.001	0.1	0.100	-0.004	0.10
T2-11	0.001	0.001	0.1	0.100	-0.001	0.10
T2-12	0.001	0.001	0.1	0.100	-0.001	0.10
T2-13	0.001	0.001	0.1	0.100	-0.001	0.10
T2-14	0.001	0.001	0.1	0.100	0.000	0.10
T2-15	0.001	0.001	0.1	0.100	0.000	0.10
T2-16	0.001	0.001	0.1	0.100	0.000	0.10
T2-17	0.001	0.001	0.1	0.100	0.001	0.10
T2-18	0.001	0.001	0.1	0.100	0.001	0.10
T2-19	0.001	0.001	0.1	0.100	0.002	0.10
T2-20	0.001	0.001	0.1	0.100	0.002	0.10
T2-21	0.001	0.001	0.1	0.100	0.002	0.10
T2-22	0.001	0.001	0.1	0.100	0.003	0.10
T2-23	0.001	0.001	0.1	0.100	0.003	0.10
T2-24	0.001	0.001	0.1	0.100	0.003	0.10
T2-25	0.001	0.001	0.1	0.100	0.004	0.10
T2-26	0.001	0.001	0.1	0.100	0.005	0.10
Local	0.001	0.001	0.1	0.100	-0.001	0.10
PBase	0.001	0.001	0.1	0.100	0.016	0.10

end of run

gravity5.out

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gravity data reduction - calculation of free air and bouguer gravity anomaly values

run title: stuff1  
run date, time: Fri Nov 20 15:04:18 1992

filenames for input and output files

printer output on: gravity5.out

principal fact (input) file on: newdata5.out

gravity anomaly output file on: gravity5b.out

run parameters

alternate bouguer reduction densities (gm/cc): 2.20 2.40 2.60 2.80 3.00

theoretical gravity computed from IGSN71 formula

origin latitude,longitude(deg): 32.000, 111.000

gravity data in standard format

principal fact list, anomalies at 2.67 gm/cc density

heading abbreviations: id-station identification; lat-latitude; long-longitude; alt-altitude; og-observed gravity;  
thg-theoretical gravity; faa-free air gravity anomaly; sba-simpple bouguer gravity anomaly;  
htc-hand terrain correction; ttc-total terrain correction; cc-curvature correction  
cba-complete bouguer gravity anomaly; s.d.cba-standard deviation of complete bouguer gravity anomaly

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id	lat	long	alt	og	thg	faa	sba	htc	ttc	cc	cba	s.d.cba	id
PBase	32 47.544	111 24.334	1614.14f	979345.023	979548.253	-51.40	-106.45	0.00	0.16	0.63	-106.92	0.10	PBase
Local	32 47.513	111 25.265	1590.07f	979376.143	979548.210	-22.50	-76.73	0.00	-0.01	0.63	-77.37	0.10	Local
T3-01	32 48.693	111 25.105	1582.91f	979374.791	979549.829	-26.14	-80.13	0.00	-0.08	0.62	-80.83	0.10	T3-01
T3-02	32 48.685	111 25.067	1585.60f	979374.798	979549.818	-25.87	-79.95	0.00	-0.08	0.62	-80.66	0.10	T3-02
T3-03	32 48.678	111 25.029	1588.08f	979374.806	979549.808	-25.62	-79.78	0.00	-0.08	0.63	-80.49	0.10	T3-03
T3-04	32 48.671	111 24.991	1590.81f	979374.804	979549.799	-25.36	-79.61	0.00	-0.08	0.63	-80.32	0.10	T3-04
T3-05	32 48.664	111 24.952	1593.23f	979374.802	979549.789	-25.12	-79.46	0.00	-0.08	0.63	-80.17	0.10	T3-05
T3-06	32 48.657	111 24.914	1595.66f	979374.810	979549.780	-24.87	-79.30	0.00	-0.08	0.63	-80.01	0.10	T3-06
T3-07	32 48.650	111 24.876	1598.28f	979374.808	979549.770	-24.62	-79.13	0.00	-0.08	0.63	-79.84	0.10	T3-07
T3-08	32 48.643	111 24.838	1600.75f	979374.827	979549.760	-24.36	-78.96	0.00	-0.08	0.63	-79.67	0.10	T3-08
T3-09	32 48.635	111 24.800	1603.58f	979374.775	979549.749	-24.13	-78.83	0.00	-0.07	0.63	-79.53	0.10	T3-09

gravity5.out

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T3-10	32	48.628	111	24.762	1605.62f	979374.833	979549.740	-23.88	-78.64	0.00	-0.07	0.63	-79.34	0.10	T3-10
T3-11	32	48.621	111	24.723	1607.87f	979374.842	979549.730	-23.64	-78.48	0.00	-0.07	0.63	-79.19	0.10	T3-11
T3-12	32	48.614	111	24.685	1610.76f	979374.801	979549.721	-23.40	-78.34	0.00	-0.07	0.63	-79.05	0.10	T3-12
T3-13	32	48.607	111	24.647	1613.08f	979374.820	979549.711	-23.16	-78.17	0.00	-0.06	0.63	-78.87	0.10	T3-13
T3-14	32	48.600	111	24.609	1616.41f	979374.788	979549.701	-22.87	-78.00	0.00	-0.06	0.64	-78.69	0.10	T3-14
T3-15	32	48.592	111	24.571	1618.89f	979374.837	979549.691	-22.57	-77.79	0.00	-0.06	0.64	-78.49	0.10	T3-15
T3-16	32	48.585	111	24.533	1621.77f	979374.836	979549.680	-22.29	-77.61	0.00	-0.06	0.64	-78.30	0.10	T3-16
T3-17	32	48.578	111	24.495	1624.22f	979374.895	979549.671	-22.00	-77.39	0.00	-0.05	0.64	-78.08	0.10	T3-17
T3-18	32	48.571	111	24.457	1627.43f	979374.874	979549.662	-21.70	-77.21	0.00	-0.05	0.64	-77.90	0.10	T3-18
T3-19	32	48.564	111	24.419	1630.24f	979374.903	979549.652	-21.40	-77.00	0.00	-0.05	0.64	-77.69	0.10	T3-19
T3-20	32	48.557	111	24.381	1633.10f	979374.911	979549.642	-21.12	-76.81	0.00	-0.05	0.64	-77.51	0.10	T3-20
T3-21	32	48.550	111	24.342	1635.65f	979374.950	979549.633	-20.83	-76.61	0.00	-0.04	0.64	-77.30	0.10	T3-21
T3-22	32	48.542	111	24.304	1638.77f	979374.939	979549.622	-20.53	-76.43	0.00	-0.04	0.64	-77.11	0.10	T3-22
T3-23	32	48.535	111	24.266	1641.92f	979374.907	979549.612	-20.26	-76.26	0.00	-0.04	0.64	-76.94	0.10	T3-23
T3-24	32	48.528	111	24.228	1645.30f	979374.905	979549.603	-19.93	-76.05	0.00	-0.04	0.65	-76.73	0.10	T3-24
T3-25	32	48.521	111	24.190	1648.42f	979374.914	979549.593	-19.62	-75.84	0.00	-0.03	0.65	-76.52	0.10	T3-25
T3-26	32	48.514	111	24.152	1652.11f	979374.902	979549.583	-19.28	-75.63	0.00	-0.03	0.65	-76.30	0.10	T3-26
Local	32	47.513	111	25.265	1590.07f	979376.131	979548.210	-22.51	-76.74	0.00	-0.01	0.63	-77.38	0.10	Local
PBase	32	47.544	111	24.334	1614.14f	979345.023	979548.253	-51.40	-106.45	0.00	0.16	0.63	-106.92	0.10	PBase

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stuff1

date & time: Fri Nov 20 15:04:18 1992

multiple density sba and cba values  
densities (gm/cc)

				2.20	2.40	2.60	2.80	3.00	2.20	2.40	2.60	2.80	3.00			
id	lat	lon	elev	sba1	sba2	sba3	sba4	sba5	cba1	cba2	cba3	cba4	cba5	id		
PBase	32	47.54	111	24.33	1614.1	-96.76	-100.88	-105.01	-109.13	-113.25	-97.15	-101.31	-105.47	-109.63	-113.79	PBase
Local	32	47.51	111	25.26	1590.1	-67.18	-71.25	-75.31	-79.37	-83.43	-67.71	-71.82	-75.93	-80.04	-84.15	Local
T3-01	32	48.69	111	25.10	1582.9	-70.63	-74.67	-78.71	-82.76	-86.80	-71.21	-75.30	-79.40	-83.50	-87.59	T3-01
T3-02	32	48.69	111	25.07	1585.6	-70.43	-74.48	-78.53	-82.58	-86.63	-71.01	-75.12	-79.22	-83.32	-87.43	T3-02
T3-03	32	48.68	111	25.03	1588.1	-70.25	-74.31	-78.36	-82.42	-86.48	-70.83	-74.94	-79.05	-83.16	-87.27	T3-03
T3-04	32	48.67	111	24.99	1590.8	-70.06	-74.13	-78.19	-82.25	-86.32	-70.64	-74.76	-78.88	-83.00	-87.11	T3-04
T3-05	32	48.66	111	24.95	1593.2	-69.90	-73.97	-78.04	-82.11	-86.18	-70.48	-74.60	-78.72	-82.85	-86.97	T3-05
T3-06	32	48.66	111	24.91	1595.7	-69.72	-73.79	-77.87	-81.95	-86.02	-70.30	-74.43	-78.56	-82.69	-86.82	T3-06
T3-07	32	48.65	111	24.88	1598.3	-69.54	-73.62	-77.70	-81.79	-85.87	-70.12	-74.26	-78.39	-82.53	-86.67	T3-07
T3-08	32	48.64	111	24.84	1600.8	-69.35	-73.44	-77.52	-81.61	-85.70	-69.93	-74.07	-78.22	-82.36	-86.50	T3-08
T3-09	32	48.63	111	24.80	1603.6	-69.20	-73.30	-77.39	-81.49	-85.59	-69.78	-73.93	-78.08	-82.23	-86.38	T3-09
T3-10	32	48.63	111	24.76	1605.6	-69.00	-73.10	-77.20	-81.30	-85.41	-69.58	-73.73	-77.89	-82.04	-86.19	T3-10
T3-11	32	48.62	111	24.72	1607.9	-68.83	-72.94	-77.05	-81.15	-85.26	-69.41	-73.57	-77.73	-81.89	-86.05	T3-11
T3-12	32	48.61	111	24.68	1610.8	-68.67	-72.79	-76.90	-81.02	-85.13	-69.25	-73.42	-77.59	-81.75	-85.92	T3-12
T3-13	32	48.61	111	24.65	1613.1	-68.49	-72.61	-76.73	-80.85	-84.97	-69.06	-73.23	-77.41	-81.58	-85.75	T3-13
T3-14	32	48.60	111	24.61	1616.4	-68.29	-72.42	-76.55	-80.68	-84.81	-68.87	-73.05	-77.23	-81.41	-85.59	T3-14
T3-15	32	48.59	111	24.57	1618.9	-68.07	-72.21	-76.34	-80.48	-84.61	-68.64	-72.83	-77.02	-81.21	-85.40	T3-15
T3-16	32	48.58	111	24.53	1621.8	-67.87	-72.01	-76.16	-80.30	-84.44	-68.44	-72.64	-76.84	-81.03	-85.23	T3-16
T3-17	32	48.58	111	24.50	1624.2	-67.64	-71.79	-75.94	-80.09	-84.24	-68.21	-72.41	-76.61	-80.81	-85.01	T3-17
T3-18	32	48.57	111	24.46	1627.4	-67.44	-71.60	-75.76	-79.91	-84.07	-68.01	-72.22	-76.43	-80.64	-84.85	T3-18
T3-19	32	48.56	111	24.42	1630.2	-67.22	-71.38	-75.55	-79.71	-83.80	-67.78	-72.00	-75.22	-80.43	-84.65	T3-19
T3-20	32	48.56	111	24.38	1633.1	-67.01	-71.18	-75.35	-79.53	-83.70	-67.58	-71.80	-76.03	-80.25	-84.48	T3-20
T3-21	32	48.55	111	24.34	1635.7	-66.79	-70.97	-75.15	-79.33	-83.51	-67.36	-71.58	-75.81	-80.04	-84.27	T3-21
T3-22	32	48.54	111	24.30	1638.8	-66.59	-70.77	-74.96	-79.15	-83.33	-67.15	-71.39	-75.63	-79.86	-84.10	T3-22
T3-23	32	48.53	111	24.27	1641.9	-66.40	-70.60	-74.79	-78.99	-83.18	-66.97	-71.21	-75.46	-79.70	-83.95	T3-23
T3-24	32	48.53	111	24.23	1645.3	-66.17	-70.38	-74.58	-78.78	-82.99	-66.74	-70.99	-75.25	-79.50	-83.76	T3-24
T3-25	32	48.52	111	24.19	1648.4	-65.95	-70.16	-74.37	-78.58	-82.79	-66.50	-70.77	-75.03	-79.29	-83.55	T3-25
T3-26	32	48.51	111	24.15	1652.1	-65.71	-69.93	-74.15	-78.37	-82.59	-66.26	-70.54	-74.81	-79.08	-83.35	T3-26

gravity5.out

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Local	32	47.51	111	25.26	1590.1	-67.20	-71.26	-75.32	-79.38	-83.44	-67.72	-71.83	-75.94	-80.05	-84.16	Local
PBase	32	47.54	111	24.33	1614.1	-96.76	-100.88	-105.01	-109.13	-113.25	-97.15	-101.31	-105.47	-109.63	-113.79	PBase

1

stuff1

date &amp; time: Fri Nov 20 15:04:18 1992

uncertainty analysis for complete bouguer gravity anomalies at 2.67 gm/cc density  
 prefix s or sd stands for standard deviation, units are minutes, m or ft, mgals.

id	slat	slon	selev	sog	sttc	s.d.cba
PBase	0.001	0.001	0.1	0.100	0.016	0.10
Local	0.001	0.001	0.1	0.100	-0.001	0.10
T3-01	0.001	0.001	0.1	0.100	-0.008	0.10
T3-02	0.001	0.001	0.1	0.100	-0.008	0.10
T3-03	0.001	0.001	0.1	0.100	-0.008	0.10
T3-04	0.001	0.001	0.1	0.100	-0.008	0.10
T3-05	0.001	0.001	0.1	0.100	-0.008	0.10
T3-06	0.001	0.001	0.1	0.100	-0.008	0.10
T3-07	0.001	0.001	0.1	0.100	-0.008	0.10
T3-08	0.001	0.001	0.1	0.100	-0.008	0.10
T3-09	0.001	0.001	0.1	0.100	-0.007	0.10
T3-10	0.001	0.001	0.1	0.100	-0.007	0.10
T3-11	0.001	0.001	0.1	0.100	-0.007	0.10
T3-12	0.001	0.001	0.1	0.100	-0.007	0.10
T3-13	0.001	0.001	0.1	0.100	-0.006	0.10
T3-14	0.001	0.001	0.1	0.100	-0.006	0.10
T3-15	0.001	0.001	0.1	0.100	-0.006	0.10
T3-16	0.001	0.001	0.1	0.100	-0.006	0.10
T3-17	0.001	0.001	0.1	0.100	-0.005	0.10
T3-18	0.001	0.001	0.1	0.100	-0.005	0.10
T3-19	0.001	0.001	0.1	0.100	-0.005	0.10
T3-20	0.001	0.001	0.1	0.100	-0.005	0.10
T3-21	0.001	0.001	0.1	0.100	-0.004	0.10
T3-22	0.001	0.001	0.1	0.100	-0.004	0.10
T3-23	0.001	0.001	0.1	0.100	-0.004	0.10
T3-24	0.001	0.001	0.1	0.100	-0.004	0.10
T3-25	0.001	0.001	0.1	0.100	-0.003	0.10
T3-26	0.001	0.001	0.1	0.100	-0.003	0.10
Local	0.001	0.001	0.1	0.100	-0.001	0.10
PBase	0.001	0.001	0.1	0.100	0.016	0.10

end of run

gravity4.out

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gravity data reduction - calculation of free air and bouguer gravity anomaly values

run title: stuff1  
run date, time: Fri Nov 20 15:04:14 1992

filenames for input and output files

printer output on: gravity4.out  
principal fact (input) file on: newdata4.out  
gravity anomaly output file on: gravity4b.out

run parameters

alternate bouguer reduction densities (gm/cc): 2.20 2.40 2.60 2.80 3.00  
theoretical gravity computed from IGSN71 formula  
origin latitude, longitude(deg): 32.000, 111.000  
gravity data in standard format

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principal fact list, anomalies at 2.67 gm/cc density

heading abbreviations: id-station identification; lat-latitude; long-longitude; alt-altitude; og-observed gravity;  
thg-theoretical gravity; faa-free air gravity anomaly; sba-simpple bouguer gravity anomaly;  
htc-hand terrain correction; ttc-total terrain correction; cc-curvature correction  
cba-complete bouguer gravity anomaly; s.d.cba-standard deviation of complete bouguer gravity anomaly

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id	lat	long	alt	og	thg	faa	sba	htc	ttc	cc	cba	s.d.cba	id
PBase	32 47.544	111 24.334	1614.14f	979345.023	979548.253	-51.40	-106.45	0.00	0.16	0.63	-106.92	0.10	PBase
Local	32 47.513	111 25.265	1590.07f	979376.109	979548.210	-22.53	-76.76	0.00	-0.01	0.63	-77.40	0.10	Local
T4-26	32 45.672	111 25.619	1644.96f	979376.260	979545.687	-14.70	-70.80	0.00	0.26	0.65	-71.18	0.10	T4-26
T4-25	32 45.668	111 25.657	1643.97f	979375.911	979545.682	-15.13	-71.20	0.00	0.24	0.64	-71.61	0.10	T4-25
T4-24	32 45.664	111 25.696	1642.90f	979375.531	979545.676	-15.61	-71.64	0.00	0.22	0.64	-72.07	0.10	T4-24
T4-23	32 45.659	111 25.735	1642.77f	979375.092	979545.669	-16.05	-72.08	0.00	0.20	0.64	-72.53	0.10	T4-23
T4-22	32 45.655	111 25.773	1641.72f	979374.734	979545.664	-16.50	-72.50	0.00	0.18	0.64	-72.96	0.10	T4-22
T4-21	32 45.650	111 25.812	1641.43f	979374.365	979545.657	-16.89	-72.88	0.00	0.17	0.64	-73.35	0.10	T4-21
T4-20	32 45.646	111 25.851	1639.79f	979374.016	979545.651	-17.39	-73.32	0.00	0.15	0.64	-73.81	0.10	T4-20
T4-19	32 45.642	111 25.889	1638.84f	979373.678	979545.646	-17.81	-73.71	0.00	0.14	0.64	-74.21	0.10	T4-19
T4-18	32 45.637	111 25.928	1637.47f	979373.399	979545.639	-18.21	-74.06	0.00	0.13	0.64	-74.57	0.10	T4-18

gravity4.out

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T4-17	32	45.633	111	25.967	1636.41f	979373.062	979545.634	-18.64	-74.46	0.00	0.12	0.64	-74.98	0.10	T4-17
T4-16	32	45.629	111	26.005	1634.39f	979372.824	979545.628	-19.07	-74.81	0.00	0.11	0.64	-75.34	0.10	T4-16
T4-15	32	45.624	111	26.044	1633.36f	979372.526	979545.621	-19.45	-75.16	0.00	0.10	0.64	-75.70	0.10	T4-15
T4-14	32	45.620	111	26.083	1630.70f	979372.368	979545.616	-19.86	-75.47	0.00	0.09	0.64	-76.03	0.10	T4-14
T4-13	32	45.615	111	26.122	1628.86f	979372.149	979545.609	-20.24	-75.80	0.00	0.08	0.64	-76.36	0.10	T4-13
T4-12	32	45.611	111	26.160	1628.75f	979371.792	979545.604	-20.60	-76.16	0.00	0.07	0.64	-76.73	0.10	T4-12
T4-11	32	45.606	111	26.199	1624.84f	979371.724	979545.597	-21.03	-76.45	0.00	0.07	0.64	-77.02	0.10	T4-11
T4-10	32	45.602	111	26.238	1623.90f	979371.445	979545.591	-21.40	-76.78	0.00	0.06	0.64	-77.36	0.10	T4-10
T4-09	32	45.598	111	26.276	1622.22f	979371.199	979545.586	-21.79	-77.12	0.00	0.05	0.64	-77.71	0.10	T4-09
T4-08	32	45.593	111	26.315	1620.92f	979370.961	979545.579	-22.15	-77.43	0.00	0.05	0.64	-78.02	0.10	T4-08
T4-07	32	45.589	111	26.354	1619.08f	979370.722	979545.573	-22.55	-77.77	0.00	0.04	0.64	-78.37	0.10	T4-07
T4-06	32	45.585	111	26.392	1618.09f	979370.433	979545.568	-22.93	-78.12	0.00	0.03	0.64	-78.72	0.10	T4-06
T4-05	32	45.580	111	26.431	1616.63f	979370.194	979545.561	-23.30	-78.44	0.00	0.03	0.64	-79.04	0.10	T4-05
T4-04	32	45.576	111	26.470	1615.13f	979369.945	979545.556	-23.68	-78.77	0.00	0.02	0.64	-79.39	0.10	T4-04
T4-03	32	45.571	111	26.508	1613.65f	979369.725	979545.549	-24.04	-79.07	0.00	0.02	0.63	-79.69	0.10	T4-03
T4-02	32	45.567	111	26.547	1612.52f	979369.475	979545.543	-24.39	-79.38	0.00	0.01	0.63	-80.01	0.10	T4-02
T4-01	32	45.563	111	26.586	1610.79f	979369.286	979545.538	-24.73	-79.67	0.00	0.00	0.63	-80.31	0.10	T4-01
Local	32	47.513	111	25.265	1590.07f	979376.162	979548.210	-22.48	-76.71	0.00	-0.01	0.63	-77.35	0.10	Local
PBase	32	47.544	111	24.334	1614.14f	979345.023	979548.253	-51.40	-106.45	0.00	0.16	0.63	-106.92	0.10	PBase

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stuff1

date &amp; time: Fri Nov 20 15:04:14 1992

multiple density sba and cba values  
densities (gm/cc)

2.20 2.40 2.60 2.80 3.00 2.20 2.40 2.60 2.80 3.00

id	lat	lon	elev	sba1	sba2	sba3	sba4	sba5	cba1	cba2	cba3	cba4	cba5	id		
PBase	32	47.54	111	24.33	1614.1	-96.76	-100.88	-105.01	-109.13	-113.25	-97.15	-101.31	-105.47	-109.63	-113.79	PBase
Local	32	47.51	111	25.26	1590.1	-67.22	-71.28	-75.34	-79.40	-83.47	-67.74	-71.85	-75.96	-80.07	-84.18	Local
T4-26	32	45.67	111	25.62	1645.0	-60.92	-65.13	-69.33	-73.53	-77.73	-61.24	-65.47	-69.70	-73.94	-78.17	T4-26
T4-25	32	45.67	111	25.66	1644.0	-61.33	-65.53	-69.73	-73.93	-78.13	-61.67	-65.90	-70.13	-74.36	-78.59	T4-25
T4-24	32	45.66	111	25.70	1642.9	-61.78	-65.97	-70.17	-74.37	-78.57	-62.13	-66.36	-70.59	-74.81	-79.04	T4-24
T4-23	32	45.66	111	25.74	1642.8	-62.22	-66.41	-70.61	-74.81	-79.01	-62.58	-66.81	-71.04	-75.27	-79.51	T4-23
T4-22	32	45.65	111	25.77	1641.7	-62.64	-66.83	-71.03	-75.22	-79.42	-63.02	-67.25	-71.48	-75.71	-79.94	T4-22
T4-21	32	45.65	111	25.81	1641.4	-63.02	-67.21	-71.41	-75.60	-79.80	-63.41	-67.64	-71.87	-76.10	-80.33	T4-21
T4-20	32	45.65	111	25.85	1639.8	-63.47	-67.66	-71.85	-76.04	-80.23	-63.88	-68.11	-72.33	-76.56	-80.78	T4-20
T4-19	32	45.64	111	25.89	1638.8	-63.87	-68.05	-72.24	-76.43	-80.62	-64.28	-68.51	-72.73	-76.96	-81.18	T4-19
T4-18	32	45.64	111	25.93	1637.5	-64.23	-68.41	-72.60	-76.78	-80.96	-64.65	-68.87	-73.10	-77.32	-81.54	T4-18
T4-17	32	45.63	111	25.97	1636.4	-64.63	-68.81	-72.99	-77.17	-81.35	-65.06	-69.28	-73.50	-77.72	-81.94	T4-17
T4-16	32	45.63	111	26.00	1634.4	-65.00	-69.17	-73.35	-77.52	-81.70	-65.44	-69.65	-73.87	-78.08	-82.30	T4-16
T4-15	32	45.62	111	26.04	1633.4	-65.36	-69.53	-73.70	-77.88	-82.05	-65.80	-70.02	-74.23	-78.44	-82.66	T4-15
T4-14	32	45.62	111	26.08	1630.7	-65.68	-69.85	-74.02	-78.18	-82.35	-66.14	-70.35	-74.55	-78.76	-82.97	T4-14
T4-13	32	45.62	111	26.12	1628.9	-66.02	-70.18	-74.34	-78.50	-82.66	-66.48	-70.68	-74.89	-79.09	-83.29	T4-13
T4-12	32	45.61	111	26.16	1628.8	-66.38	-70.54	-74.70	-78.86	-83.02	-66.85	-71.05	-75.25	-79.46	-83.66	T4-12
T4-11	32	45.61	111	26.20	1624.8	-66.70	-70.85	-75.00	-79.15	-83.30	-67.16	-71.36	-75.55	-79.75	-83.94	T4-11
T4-10	32	45.60	111	26.24	1623.9	-67.03	-71.18	-75.33	-79.48	-83.63	-67.51	-71.70	-75.89	-80.08	-84.28	T4-10
T4-09	32	45.60	111	26.28	1622.2	-67.38	-71.53	-75.67	-79.82	-83.96	-67.87	-72.06	-76.24	-80.43	-84.62	T4-09
T4-08	32	45.59	111	26.32	1620.9	-67.70	-71.84	-75.98	-80.12	-84.26	-68.18	-72.37	-76.55	-80.74	-84.92	T4-08
T4-07	32	45.59	111	26.35	1619.1	-68.05	-72.19	-76.33	-80.46	-84.60	-68.55	-72.73	-76.91	-81.09	-85.27	T4-07
T4-06	32	45.58	111	26.39	1618.1	-68.40	-72.54	-76.67	-80.80	-84.94	-68.90	-73.08	-77.26	-81.44	-85.62	T4-06
T4-05	32	45.58	111	26.43	1616.6	-68.73	-72.86	-76.99	-81.12	-85.25	-69.23	-73.41	-77.58	-81.76	-85.93	T4-05
T4-04	32	45.58	111	26.47	1615.1	-69.07	-73.20	-77.33	-81.45	-85.58	-69.58	-73.75	-77.93	-82.10	-86.27	T4-04
T4-03	32	45.57	111	26.51	1613.7	-69.38	-73.51	-77.63	-81.75	-85.87	-69.89	-74.06	-78.23	-82.40	-86.57	T4-03
T4-02	32	45.57	111	26.55	1612.5	-69.70	-73.82	-77.94	-82.06	-86.18	-70.22	-74.38	-78.55	-82.72	-86.88	T4-02
T4-01	32	45.56	111	26.59	1610.8	-70.00	-74.12	-78.23	-82.35	-86.46	-70.52	-74.69	-78.85	-83.01	-87.17	T4-01

gravity4.out

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Local	32	47.51	111	25.26	1590.1	-67.16	-71.23	-75.29	-79.35	-83.41	-67.69	-71.80	-75.91	-80.02	-84.13	Local
PBase	32	47.54	111	24.33	1614.1	-96.76	-100.88	-105.01	-109.13	-113.25	-97.15	-101.31	-105.47	-109.63	-113.79	PBase

stuff1

date &amp; time: Fri Nov 20 15:04:14 1992

uncertainty analysis for complete bouguer gravity anomalies at 2.67 gm/cc density  
 prefix s or sd stands for standard deviation, units are minutes, m or ft, mgals.

id	slat	slon	selev	sog	sttc	s.d.cba
PBase	0.001	0.001	0.1	0.100	0.016	0.10
Local	0.001	0.001	0.1	0.100	-0.001	0.10
T4-26	0.001	0.001	0.1	0.100	0.026	0.10
T4-25	0.001	0.001	0.1	0.100	0.024	0.10
T4-24	0.001	0.001	0.1	0.100	0.022	0.10
T4-23	0.001	0.001	0.1	0.100	0.020	0.10
T4-22	0.001	0.001	0.1	0.100	0.018	0.10
T4-21	0.001	0.001	0.1	0.100	0.017	0.10
T4-20	0.001	0.001	0.1	0.100	0.015	0.10
T4-19	0.001	0.001	0.1	0.100	0.014	0.10
T4-18	0.001	0.001	0.1	0.100	0.013	0.10
T4-17	0.001	0.001	0.1	0.100	0.012	0.10
T4-16	0.001	0.001	0.1	0.100	0.011	0.10
T4-15	0.001	0.001	0.1	0.100	0.010	0.10
T4-14	0.001	0.001	0.1	0.100	0.009	0.10
T4-13	0.001	0.001	0.1	0.100	0.008	0.10
T4-12	0.001	0.001	0.1	0.100	0.007	0.10
T4-11	0.001	0.001	0.1	0.100	0.007	0.10
T4-10	0.001	0.001	0.1	0.100	0.006	0.10
T4-09	0.001	0.001	0.1	0.100	0.005	0.10
T4-08	0.001	0.001	0.1	0.100	0.005	0.10
T4-07	0.001	0.001	0.1	0.100	0.004	0.10
T4-06	0.001	0.001	0.1	0.100	0.003	0.10
T4-05	0.001	0.001	0.1	0.100	0.003	0.10
T4-04	0.001	0.001	0.1	0.100	0.002	0.10
T4-03	0.001	0.001	0.1	0.100	0.002	0.10
T4-02	0.001	0.001	0.1	0.100	0.001	0.10
T4-01	0.001	0.001	0.1	0.100	0.000	0.10
Local	0.001	0.001	0.1	0.100	-0.001	0.10
PBase	0.001	0.001	0.1	0.100	0.016	0.10

end of run

## BRADY FISSURE MAGNETIC DATA

Data collected 30 September 1992. Band set at 50 kilogammas.

STATION	VALUE	TIME	CORRECTED VALUE
T-1-1	49,506	11:48 a.m.	181
T-1-2	49,503	11:46	178
T-1-3	49,505	11:44	181
T-1-4	49,514	11:51	190
T-1-5	49,511	11:53	187
T-1-6	49,501	11:55	177
T-1-7	49,513	11:56	191
T-1-8	49,510	11:58	188
T-1-9	49,511	12:00	190
T-1-10	49,511	12:01 p.m.	190
T-1-11	49,526	12:03	205
T-1-12	49,519	12:05	192
T-1-13	49,528	12:06	200
T-1-14	49,539	12:07	211
T-1-15	49,529	12:08	201
T-1-16	49,532	12:10	203
T-1-17	49,547	12:12	216
T-1-18	49,551	12:14	218
T-1-19	49,553	12:16	219
T-1-20	49,544	12:18	207
T-1-21	49,563	12:20	225
T-1-22	49,556	12:22	217
T-1-23	49,567	12:24	227
T-1-24	49,563	12:26	223
T-1-25	49,570	12:27	229
T-1-26	49,582	12:29	241
T-2-1	49,558	2:16 p.m.	215
T-2-2	49,572	2:14	229
T-2-3	49,569	2:13	226
T-2-4	49,565	2:11	223
T-2-5	49,582	2:10	240
T-2-6	49,587	2:08	247
T-2-7	49,582	2:07	242
T-2-8	49,565	2:05	225
T-2-9	49,574	2:04	234
T-2-10	49,577	2:02	238
T-2-11	49,587	1:15	238
T-2-12	49,580	1:18	229
T-2-13	49,589	1:20	238
T-2-14	49,582	1:22	231
T-2-15	49,589	1:24	239
T-2-16	49,585	1:26	237
T-2-17	49,571	1:28	225
T-2-18	49,576	1:29	229
T-2-19	49,576	1:31	230
T-2-20	49,592	1:32	248



STATION	VALUE	TIME	CORRECTED VALUE
T-2-21	49,592	1:34	243
T-2-22	49,586	1:36	240
T-2-23	49,601	1:37	255
T-2-24	49,584	1:39	239
T-2-25	49,604	1:41	257
T-2-26	49,615	1:42	268
T-3-1	49,536	2:49 p.m.	191
T-3-2	49,544	2:52	199
T-3-3	49,545	2:53	200
T-3-4	49,540	2:54	196
T-3-5	49,544	2:56	199
T-3-6	49,553	2:57	209
T-3-7	49,552	2:59	208
T-3-8	49,559	3:00	215
T-3-9	49,560	3:01	215
T-3-10	49,560	3:03	214
T-3-11	49,559	3:05	212
T-3-12	49,563	3:06	218
T-3-13	49,570	3:08	226
T-3-14	49,565	3:09	220
T-3-15	49,549	3:10	204
T-3-16	49,570	3:12	224
T-3-17	49,568	3:13	223
T-3-18	49,549	3:15	205
T-3-19	49,555	3:16	211
T-3-20	49,557	3:18	214
T-3-21	49,557	3:19	215
T-3-22	49,548	3:20	208
T-3-23	49,566	3:23	226
T-3-24	49,550	3:24	210
T-3-25	49,556	3:26	217
T-3-26	49,584	3:27	244
T-4-1	49,422	4:57 p.m.	88
T-4-2	49,432	4:55	96
T-4-3	49,425	4:54	89
T-4-4	49,432	4:52	95
T-4-5	49,429	4:51	92
T-4-6	49,433	4:49	95
T-4-7	49,433	4:48	94
T-4-8	49,441	4:47	101
T-4-9	49,442	4:45	101
T-4-10	49,443	4:43	101
T-4-11	49,440	4:42	96
T-4-12	49,441	4:40	99
T-4-13	49,436	4:39	94
T-4-14	49,438	4:38	94
T-4-15	49,435	4:36	92
T-4-16	49,438	4:35	95
T-4-17	49,446	4:33	102
T-4-18	49,440	4:32	96

STATION	VALUE	TIME	CORRECTED VALUE
T-4-19	49,440	4:30	95
T-4-20	49,430	4:28	85
T-4-21	49,447	4:27	101
T-4-22	49,454	4:25	109
T-4-23	49,446	4:23	101
T-4-24	49,442	4:22	97
T-4-25	49,446	4:20	101
T-4-26	49,448	4:18	104