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Interpretation of gravity profiles at the Engebøfjellet rutile-bearing eclogite deposit

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REPORT

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Title:
Interpretation of gravity profiles at the Engebøfjellet rutile-bearing eclogite deposit

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County: Sogn & Fjordane	Municipality: Naustdal
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May 1997	25/11-1997	1900.05	Jan S. Rønning

Summary:
Gravity measurements have been carried out along four profiles to the east and west of the Engebøfjellet rutile-bearing eclogite deposit. The main objective of the gravity measurements was to delineate possible heavy (ore-type eclogite) bodies at depth to the west and the east of the known, exposed eclogite deposit.

Two main lithologic units are dominant in the vicinity of the profiles. A granitic gneiss unit has a density of ca. 2700 kg/m^3, whereas a mixed unit consisting of banded amphibolitic eclogite with gneissic zones and gneiss with eclogite layers has an average density of 2900 kg/m^3. Ore-type eclogite is known to have density values in the area of 3400-3500 kg/m^3 at Engebøfjellet. The density of the granitic gneiss is used as background in the model calculation. The outcropping positions of these bodies are constrained by surface mapping. In short, even though the data is very noisy due to severe terrain, all anomalies along the profiles can be modelled using bodies representing the mixed zone extending some 100 to 400 meters towards depth.

Indications of large, heavy bodies (ore-type eclogite) are not indicated, and the surveyed areas seem of very little interest for further, more expensive investigations.

Keywords: Geofysikk	Gravimetri	Eklogitt
Rutil	Modellforsøk	
		Fagrapport

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APPENDICES

MAPS

1 INTRODUCTION

Gravity measurements have been carried out along four profiles in the vicinity of the Engebøfjellet rutile-bearing eclogite deposit in Naustdal municipality, Sogn & Fjordane county. The work is a part of a collaborative program between NGU and DuPont. Previous gravity measurements have been carried out in three profiles across the eclogite deposit (Mauring & Gellein 1996, Mauring et al. 1997). Results from extensive drillhole programs and geological mapping can be found in Korneliussen et al. (1996 & 1997). The main objective of the gravity measurements was to delineate possible heavy bodies (ore-type eclogite) at depth to the west and the east of the known, exposed eclogite deposit.

Data acquisition and levelling was conducted by Jomar Gellein in May 1997. Data processing was carried out by Jomar Gellein and Eirik Mauring. Interpretation of the gravity profiles was done by Eirik Mauring.

2 DATA ACQUISITION

Data acquisition was carried out using a LaCoste & Romberg gravity meter (model G No. 569). Measurements were made along four profiles. Three profiles (P4-P6) were placed to the west of the exposed eclogite deposit, and one was placed to the east of the deposit (P0). The numbering of the profiles is related to previous measurements (P1-P3, Mauring & Gellein 1996, Mauring et al. 1997). The profiles are numbered in increasing order from east to west. Severe topography limited the number of stations in profiles 0 and 4. Profile details are shown in Table 1.

Table 1: Number of stations, station intervals and lengths of the profiles.

Profile no.	Number of stations	Station interval (m)	Profile length (m)
0	18	25	550
4	25	25	600
5	86	25	2050
6	51	25	1250

To correct for diurnal variations in the gravity field and instrument drift, base station readings were made before and after measurements along the gravity profiles at a station located close to the profiles (UTM 32W 3116 68224 WGS84). This base station was tied to a gravity base station at Mo School of Agriculture in Førde (UTM 32W 3390 68147 WGS84) where the value of absolute gravity was known. Absolute gravity values could thus be obtained for all stations.

3 PROCESSING

Bouguer anomaly values were calculated using software from the Norwegian Mapping Authority (Statens Kartverk, Mathisen 1976). Bouguer and terrain corrections were carried out using a standard density of 2670 kg/m^3. Within 1 km of each station, circle radii of 50, 100, 200, 400 and 800 m were used for terrain corrections. The relatively high number of circle radii was used due to severe topography in the area. For terrain corrections, 1:5000 scale maps were used as basis for manually readings of elevations on the circle radii. In addition, elevations from the Norwegian Mapping Authority's database were used for terrain corrections. A table of terrain correction function values is shown in appendix 1. A table of coordinates (geodetic datum ED50), absolute gravity, corrections and Bouguer anomalies is shown in appendix 2. Prior to modelling the data, the regional gravity gradient was subtracted from the terrain corrected Bouguer anomaly values (appendix 3).

For profile 0 and 4, the regional gradient is very difficult to determine because just a few gravity stations could be measured, not giving the complete shape of the gravity anomaly. For profiles 5 and 6, the regional gradient can more easily be delineated due to the high number of stations and great length of the profiles. For both profiles, the gradient curve lies well above the values for stations close to the sea. This is because these values must be considered a part of a large negative anomaly due to the sea water. The level and dip of the gradient curves are chosen as to be quite similar for profiles 5 and 6 (see appendix 3, page 2 & 3). Since profile 4 lies close to profile 5 and 6, the same level and dip of the gradient curve is chosen (appendix 3, page 1). The most reasonable (although somewhat debatable) gradient for P0 is shown in appendix 3, page 1.

Generally, data values appear somewhat noisy along parts of the profiles (see appendix 5-7). Some of this noise is probably due to erroneous or insufficient terrain corrections. To be able to discuss this problem, the terrain correction and Bouguer anomaly values are plotted together for each profile in appendix 4. Noise is indicated by 'spiky', correlated values in the two data sets. The occurrence of terrain related noisy data will be discussed for each individual profile.

Modelling of the data was performed using the 2.5D GMM (Gravity and Magnetic Modelling) program from Swedish Geological Co. (1991). For the presentation of the models and the model response curves, the GRAPHER program from Golden Software Inc. was employed.

4 INTERPRETATION

4.1 Densities and geological constraints

An overview of the investigated area is shown in Map -01. A geological map of the area is used as a basis for modelling (Lutro, 1997). The rocks are dominated by a granitic gneiss and a mixed unit consisting of banded amphibolitic eclogite with gneissic zones and gneiss with eclogite layers (green colour in appendix 5-7). In this unit, only minor concentrations of rutile are known. Rock sampling has revealed average density values of 2700 kg/m^3 and 2900 kg/m^3 for the granitic gneiss and mixed units respectively (Korneliussen et al., 1996 & 1997). These values are used in the modelling. The density values of ore-type eclogite have been found to be 3400-3500 kg/m^3 at the Engebøfjellet deposit. There are no drillholes in the investigated area to put constraints on the modelling of the rock units towards depth. Observations of geological structures at the surface indicate that the rocks are steeply dipping towards north. Because of the proximity to the fjord, a sea water body with a density of 1025 kg/m^3 had to be added to the models. Sea water depths were read from a sea map (scale 1:50 000). The sea water bodies are not shown to their full extent as they actually appeared when performing the model calculations. The models were constructed using the information and constraints mentioned above. In the appendices, number tags on the observed values refer to stations on Maps 02-05.

4.2 Profile 0

This is the easternmost profile in the Engebøfjellet area. The location of the profile is shown in Map -02. The model is shown with the reduced Bouguer anomaly values and the calculated model response in appendix 5. The graphs in appendix 4, page 1 indicate that some noisy points could be due to inaccurate terrain corrections (e.g. stations 2-6 & 14). After regional field removal, the Bouguer anomaly is on the order of 1-1.5 mGal. For comparison, profile 2 & 3 from prior investigations (Mauring et al. 1997) gave anomalies on the order of 3-4 mGal right above the massive eclogite. The anomaly can be modelled with a body of 2900 kg/m^3 which represents the mixed unit mentioned earlier. The surface extension of the body is consistent with surface mapping. The profile shows no indication of heavy, ore-type eclogite bodies.

4.3 Profile 4

The profile is located some 500 m to the west of the surface termination of the massive eclogite deposit (see Map -03). Model and calculated model response are shown in appendix 5. The Bouguer anomaly values are very noisy, which are mostly due to terrain correction artefacts. Terrain correction and Bouguer anomaly values are almost perfectly correlated according to appendix 4, page 1. Note spikes at station 10, 16 and 19 on both data sets. Also, the Bouguer anomaly values are not levelling off towards the end of the profile (station 25), but seem to be increasing. This can be explained by the mixed unit continuing beyond the northern end of the profile (according to surface mapping), giving rise to and explaining the whole of the anomaly.

4.4 Profile 5

The location of the profile is shown in Maps -01 and -04. Noise due to erroneous or insufficient terrain correction is indicated at stations 7, 15-19, 30-33, 54, 58, 61 and 69 by the correlation of terrain correction and Bouguer anomaly values in appendix 4, page 2. A model and its calculated response are shown in appendix 6. The modelled body has a density of 2900 kg/m^3 and its intersection with the surface corresponds with the mixed unit from surface mapping. The level of the anomaly is 1.5-2 mGal which can be modelled by extending the mixed unit body towards depth (-200 to -300 m.a.s.l.). Again, there are no indications of heavy bodies (3400-3500 kg/m^3).

4.5 Profile 6

This is the westernmost profile (see Maps -01 and -05). The Bouguer anomaly values are less noisy along this profile compared to the other profiles discussed. The terrain is smoother along this profile. This is reflected in the terrain correction values (appendix 4, page 3) which have a rather smooth envelope, but still some noisy points (stations 7, 11, 12 and 30). The residual Bouguer anomaly is on the order of 1.5-2 mGal. As for the other profiles, the anomaly can be modelled using bodies with a density of 2900 kg/m^3 which represent the mixed unit. Three mixed unit bodies are entered into the model, in accordance with surface mapping.

5 CONCLUSIONS

Gravity measurements have been carried out along four profiles to the east and west of the Engebøfjellet rutile-bearing eclogite deposit. The main objective of the gravity measurements was to delineate possible heavy bodies at depth to the west and the east of the known, exposed, rutile-rich eclogite deposit.

Two main lithologic units are dominant in the vicinity of the profiles. A granitic gneiss unit has a density of ca. 2700 kg/m^3, whereas a mixed unit consisting of banded amphibolitic eclogite with gneissic zones and gneiss with eclogite layers has an average density of 2900 kg/m^3. The density of the granitic gneiss is used as background in the model calculation. The outcropping positions of these bodies are constrained by surface mapping. In short, even though the data is very noisy due to severe terrain, all anomalies along the profiles can be modelled using bodies representing the mixed zone extending some 100 to 400 meters towards depth.

Indications of large, heavy bodies (ore-type eclogite, 3400-3500 kg/m^3) are not indicated, and the surveyed areas seem of very little interest for further, more expensive investigations.

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TABLE OF TERRAIN FUNCTION VALUES

Location: Engebøfjellet r=50,100,200,400,800m Project no: 1900.05 Fieldwork carried out in 1997 Processing performed in June 1997

TERRAIN CORRECTION INCREMENTS PR. KM RADIUS. CHECK AGAINST UNNORMAL VALUES

DISTANCE KM	0	0.002	0.068	0.23	0.59	0.90	1.28	1.75	2.29	2.87	3.52	5.24	8.44	12.4	18.8	28.8	58.8	99.0	166.7	
Prof.	Stat.																			CIRCLE
0	1	0.00	16.04	15.24	7.75	3.22	2.77	0.82	0.33	0.20	0.20	0.126	0.078	0.034	0.013	0.008	0.004	0.003	0.002	18.10
0	2	0.00	1.87	4.19	0.00	2.67	0.00	1.82	1.53	0.62	0.55	0.316	0.213	0.077	0.028	0.014	0.000	0.000	0.000	5.81
0	3	0.00	4.16	13.39	8.14	3.40	2.84	0.82	0.35	0.20	0.20	0.127	0.076	0.034	0.013	0.008	0.004	0.003	0.002	13.95
0	4	0.00	2.31	9.14	8.35	3.44	2.82	0.81	0.35	0.20	0.21	0.124	0.074	0.034	0.013	0.008	0.004	0.003	0.002	12.78
0	5	0.00	3.08	5.98	9.65	3.51	2.79	0.81	0.40	0.18	0.21	0.125	0.074	0.034	0.013	0.008	0.004	0.003	0.002	10.97
0	6	0.00	4.01	3.89	8.46	3.53	2.76	0.80	0.40	0.18	0.21	0.125	0.073	0.034	0.013	0.008	0.004	0.003	0.002	10.22
0	7	0.00	3.43	5.92	1.30	3.47	2.68	0.64	0.46	0.18	0.21	0.127	0.073	0.034	0.013	0.008	0.004	0.003	0.002	8.80
0	8	0.00	3.18	5.47	1.07	3.37	2.63	0.64	0.46	0.22	0.18	0.129	0.073	0.034	0.013	0.008	0.004	0.003	0.002	8.60
0	9	0.00	3.81	5.16	0.89	3.32	2.54	0.64	0.45	0.21	0.18	0.130	0.073	0.034	0.013	0.007	0.004	0.003	0.002	8.12
0	10	0.00	5.05	4.77	0.72	3.27	2.18	0.43	0.48	0.21	0.18	0.134	0.073	0.034	0.013	0.007	0.004	0.003	0.002	7.58
0	11	0.00	7.90	4.67	0.57	3.19	2.15	0.40	0.48	0.21	0.17	0.136	0.074	0.034	0.013	0.007	0.004	0.003	0.002	7.13
0	12	0.00	6.55	5.08	0.50	3.09	2.57	0.61	0.49	0.22	0.18	0.133	0.077	0.035	0.013	0.007	0.004	0.003	0.002	6.77
0	13	0.00	7.08	5.35	0.45	3.13	2.13	0.01	0.56	0.21	0.17	0.136	0.075	0.034	0.013	0.007	0.004	0.003	0.002	6.57
0	14	0.00	7.86	4.87	5.64	3.11	2.11	0.01	0.55	0.21	0.17	0.135	0.075	0.034	0.013	0.007	0.004	0.003	0.002	6.38
0	15	0.00	8.77	4.64	5.74	2.89	2.11	0.01	0.55	0.21	0.17	0.135	0.074	0.035	0.013	0.007	0.004	0.003	0.002	7.17
0	16	0.00	5.42	3.74	5.60	2.84	2.10	0.01	0.54	0.21	0.17	0.139	0.073	0.035	0.013	0.007	0.004	0.002	0.002	5.99
0	17	0.00	5.06	4.27	0.00	2.80	2.14	0.67	0.54	0.21	0.17	0.140	0.073	0.035	0.013	0.007	0.004	0.002	0.002	5.36
0	18	0.00	4.40	3.67	0.00	2.77	2.20	0.98	0.49	0.21	0.17	0.140	0.074	0.035	0.013	0.007	0.004	0.002	0.002	5.05
4	1	0.00	2.19	0.68	0.63	3.54	0.56	2.49	0.76	1.08	0.31	0.365	0.116	0.071	0.025	0.011	0.000	0.000	0.000	1.40
4	2	0.00	2.73	0.70	0.77	1.80	0.54	2.51	0.75	1.07	0.31	0.362	0.110	0.072	0.025	0.011	0.000	0.000	0.000	1.39
4	3	0.00	0.00	0.00	0.00	1.77	0.51	2.49	0.73	1.06	0.30	0.354	0.107	0.070	0.024	0.011	0.000	0.000	0.000	1.34
4	4	0.00	0.80	0.86	1.02	1.84	0.50	2.55	0.73	1.06	0.45	0.308	0.103	0.067	0.024	0.010	0.000	0.000	0.000	1.36
4	5	0.00	0.36	0.77	1.25	1.88	0.49	2.58	0.73	1.06	0.45	0.306	0.103	0.066	0.024	0.010	0.000	0.000	0.000	1.39
4	6	0.00	0.36	0.72	0.00	1.58	0.49	2.63	0.73	1.06	0.45	0.306	0.102	0.065	0.023	0.011	0.000	0.000	0.000	1.68
4	7	0.00	0.09	0.88	4.04	1.47	0.49	2.73	0.75	1.08	0.45	0.308	0.100	0.064	0.024	0.010	0.000	0.000	0.000	1.91
4	8	0.00	0.38	1.40	4.17	1.57	0.49	2.82	0.44	1.09	0.46	0.305	0.100	0.064	0.024	0.010	0.000	0.000	0.000	2.24
4	9	0.00	1.30	1.18	4.26	1.59	0.49	2.85	0.44	1.09	0.46	0.299	0.099	0.063	0.024	0.010	0.000	0.000	0.000	2.44
4	10	0.00	3.51	2.16	4.51	1.68	0.48	2.70	0.19	1.21	0.56	0.245	0.096	0.061	0.023	0.010	0.000	0.000	0.000	2.63
4	11	0.00	3.09	1.99	3.84	1.65	0.42	2.56	0.17	1.29	0.50	0.230	0.089	0.057	0.022	0.009	0.000	0.000	0.000	2.11
4	12	0.00	0.00	0.00	3.57	1.69	0.48	2.04	0.16	1.26	0.49	0.223	0.085	0.055	0.021	0.009	0.000	0.000	0.000	2.36
4	13	0.00	2.88	2.31	2.35	1.76	0.59	2.07	0.13	1.25	0.49	0.219	0.084	0.054	0.021	0.009	0.000	0.000	0.000	3.74
4	14	0.00	3.95	2.46	2.72	1.98	0.52	2.09	0.53	0.94	0.48	0.211	0.080	0.052	0.020	0.009	0.001	0.000	0.000	6.24
4	15	0.00	5.70	2.62	2.45	2.01	0.40	2.02	0.52	0.89	0.46	0.199	0.074	0.049	0.019	0.008	0.001	0.001	0.000	3.43
4	16	0.00	7.05	2.82	2.34	2.03	2.00	1.13	0.51	0.86	0.47	0.192	0.067	0.048	0.019	0.008	0.001	0.001	0.001	3.01

Terrain correction function values for various distance intervals at each gravity station. The total terrain correction is the sum of each function value multiplied by the corresponding distance interval. The total terrain correction values are listed in appendix 2.

Location: Engebøfjellet r=50,100,200,400,800m Project no: 1900.05 Fieldwork carried out in 1997 Processing performed in June 1997

TERRAIN CORRECTION INCREMENTS PR. KM RADIUS. CHECK AGAINST UNNORMAL VALUES

DISTANCE KM		0	0.002	0.068	0.23	0.59	0.90	1.28	1.75	2.29	2.87	3.52	5.24	8.44	12.4	18.8	28.8	58.8	99.0	166.7	
Prof.	Stat.																				CIRCLE
4	17	0.00	6.14	3.07	2.21	2.20	1.67	1.12	0.50	0.82	0.48	0.184	0.061	0.045	0.018	0.008	0.001	0.001	0.001		4.20
4	18	0.00	2.88	3.44	2.19	2.37	1.66	1.11	0.50	0.94	0.44	0.181	0.060	0.044	0.017	0.007	0.001	0.001	0.001		4.07
4	19	0.00	1.56	3.34	1.53	2.41	1.66	1.11	0.50	0.93	0.46	0.186	0.054	0.044	0.017	0.007	0.001	0.001	0.001		3.41
4	20	0.00	1.38	2.61	2.61	2.46	1.69	1.12	0.50	1.04	0.50	0.179	0.054	0.043	0.017	0.007	0.001	0.001	0.001		3.31
4	21	0.00	1.86	2.31	2.95	2.49	1.71	1.12	0.50	1.04	0.49	0.178	0.053	0.043	0.017	0.007	0.001	0.001	0.001		3.50
4	22	0.00	2.13	3.18	1.10	2.58	1.74	1.13	0.50	1.04	0.47	0.180	0.053	0.043	0.017	0.008	0.001	0.001	0.001		3.44
4	23	0.00	3.22	3.37	0.78	2.71	1.73	1.12	0.74	0.66	0.45	0.176	0.051	0.042	0.016	0.008	0.001	0.001	0.001		3.87
4	24	0.00	4.89	3.31	0.44	2.90	1.74	1.11	0.79	0.66	0.42	0.172	0.049	0.040	0.016	0.007	0.002	0.001	0.001		4.04
4	25	0.00	5.27	3.12	0.27	2.99	1.74	1.10	0.89	0.43	0.41	0.170	0.047	0.040	0.016	0.007	0.002	0.001	0.001		4.48
5	1	0.00	2.54	0.58	0.87	1.05	0.84	1.26	0.34	0.81	0.52	0.336	0.097	0.065	0.023	0.011	0.000	0.000	0.000		1.51
5	2	0.00	0.11	0.40	0.26	0.54	2.16	0.63	1.37	0.78	0.50	0.383	0.119	0.072	0.026	0.013	0.000	0.000	0.000		0.95
5	3	0.00	2.06	0.66	0.85	1.09	0.80	1.25	0.42	0.79	0.46	0.331	0.095	0.064	0.022	0.011	0.000	0.000	0.000		1.73
5	4	0.00	0.63	0.77	0.85	1.14	0.77	1.25	0.41	0.79	0.57	0.304	0.092	0.063	0.022	0.010	0.000	0.000	0.000		1.67
5	5	0.00	0.22	0.85	0.80	1.15	0.72	1.23	0.40	0.78	0.56	0.300	0.090	0.062	0.022	0.010	0.000	0.000	0.000		1.33
5	6	0.00	0.41	1.00	0.78	0.87	0.71	1.49	0.32	0.78	0.56	0.300	0.089	0.062	0.022	0.010	0.000	0.000	0.000		1.21
5	7	0.00	0.64	0.53	0.92	1.13	0.69	1.51	0.32	0.79	0.56	0.299	0.087	0.062	0.022	0.010	0.000	0.000	0.000		1.27
5	8	0.00	0.83	0.78	0.98	1.11	0.65	1.50	0.31	0.97	0.46	0.289	0.085	0.061	0.021	0.010	0.000	0.000	0.000		1.60
5	9	0.00	1.01	0.98	0.95	1.07	0.61	1.47	0.31	0.92	0.45	0.287	0.083	0.060	0.021	0.010	0.000	0.000	0.000		1.70
5	10	0.00	1.62	1.14	1.20	0.99	0.58	1.47	0.27	1.12	0.42	0.286	0.083	0.058	0.021	0.010	0.000	0.000	0.000		1.66
5	11	0.00	2.97	1.07	1.22	0.94	0.61	1.63	0.26	1.00	0.45	0.283	0.082	0.057	0.021	0.010	0.000	0.000	0.000		1.72
5	12	0.00	4.02	1.07	1.27	0.90	0.59	1.63	0.26	1.11	0.51	0.248	0.080	0.056	0.020	0.009	0.000	0.000	0.000		1.73
5	13	0.00	4.00	1.45	1.35	0.92	0.57	1.63	0.26	1.11	0.51	0.246	0.078	0.054	0.021	0.009	0.000	0.000	0.000		1.69
5	14	0.00	5.04	1.88	1.43	0.95	0.55	1.59	0.26	1.09	0.47	0.252	0.075	0.054	0.020	0.009	0.000	0.000	0.000		1.89
5	15	0.00	2.62	1.96	1.46	0.92	0.53	1.50	0.11	1.09	0.46	0.245	0.074	0.052	0.020	0.009	0.000	0.000	0.000		2.07
5	16	0.00	1.95	2.06	1.59	0.91	0.43	1.80	0.11	1.07	0.51	0.222	0.072	0.052	0.020	0.009	0.000	0.000	0.000		2.45
5	17	0.00	2.06	2.19	1.64	0.91	0.42	1.80	0.10	1.20	0.49	0.218	0.071	0.051	0.020	0.009	0.000	0.000	0.000		2.93
5	18	0.00	2.65	2.18	1.67	0.89	0.49	1.46	0.10	1.18	0.48	0.216	0.070	0.051	0.020	0.009	0.000	0.000	0.000		3.28
5	19	0.00	3.28	2.13	1.69	0.91	0.49	1.47	0.10	1.19	0.48	0.214	0.069	0.050	0.019	0.009	0.001	0.000	0.000		5.27
5	20	0.00	4.18	2.10	1.69	0.97	0.48	1.84	0.09	1.19	0.48	0.212	0.068	0.050	0.019	0.008	0.001	0.000	0.000		3.27
5	21	0.00	3.85	1.39	1.63	0.96	0.43	1.81	0.43	0.93	0.50	0.197	0.064	0.047	0.019	0.008	0.001	0.001	0.000		2.30
5	22	0.00	3.58	1.13	1.64	0.98	0.40	1.45	0.42	0.90	0.48	0.196	0.057	0.045	0.018	0.008	0.001	0.001	0.001		1.89
5	23	0.00	3.73	1.34	0.41	1.02	0.96	1.21	0.41	0.87	0.47	0.189	0.054	0.043	0.017	0.008	0.001	0.001	0.001		1.72
5	24	0.00	3.53	1.15	1.17	1.06	0.94	1.23	0.42	0.87	0.50	0.188	0.053	0.043	0.017	0.008	0.001	0.001	0.001		1.80
5	25	0.00	2.39	1.24	0.30	1.11	0.94	1.23	0.47	1.04	0.47	0.187	0.051	0.043	0.017	0.008	0.001	0.001	0.001		1.54

Terrain correction function values for various distance intervals at each gravity station. The total terrain correction is the sum of each function value multiplied by the corresponding distance interval. The total terrain correction values are listed in appendix 2.

Location: Engebøfjellet r=50,100,200,400,800m Project no: 1900.05 Fieldwork carried out in 1997 Processing performed in June 1997

TERRAIN CORRECTION INCREMENTS PR. KM RADIUS. CHECK AGAINST UNNORMAL VALUES

DISTANCE KM		0	0.002	0.068	0.23	0.59	0.90	1.28	1.75	2.29	2.87	3.52	5.24	8.44	12.4	18.8	28.8	58.8	99.0	166.7	
Prof.	Stat.																				CIRCLE
5	26	0.00	2.34	1.25	0.25	1.14	0.94	1.23	0.51	0.89	0.47	0.198	0.046	0.042	0.017	0.007	0.001	0.001	0.001		1.45
5	27	0.00	2.43	1.33	1.20	1.16	0.94	1.23	0.51	0.89	0.44	0.197	0.047	0.042	0.017	0.007	0.001	0.001	0.001		1.91
5	28	0.00	2.40	1.73	1.16	1.19	0.94	1.23	0.52	1.03	0.42	0.199	0.044	0.042	0.017	0.007	0.001	0.001	0.001		1.91
5	29	0.00	3.36	1.73	1.07	1.22	0.94	1.24	0.63	0.93	0.42	0.198	0.043	0.041	0.016	0.007	0.001	0.001	0.001		2.11
5	30	0.00	2.12	1.50	1.06	1.24	0.93	1.24	0.63	0.93	0.42	0.197	0.043	0.041	0.016	0.007	0.001	0.001	0.001		2.39
5	31	0.00	2.30	1.18	1.03	1.28	0.93	1.25	0.70	0.79	0.44	0.195	0.041	0.040	0.016	0.007	0.001	0.001	0.001		1.91
5	32	0.00	1.96	1.00	0.87	1.35	0.94	1.27	0.71	0.80	0.47	0.193	0.040	0.040	0.016	0.007	0.001	0.001	0.001		2.20
5	33	0.00	1.96	1.00	0.92	1.42	0.94	1.27	0.71	0.80	0.47	0.192	0.039	0.040	0.016	0.007	0.001	0.001	0.001		2.17
5	34	0.00	2.78	1.10	0.90	1.54	0.94	1.27	0.93	0.43	0.44	0.193	0.039	0.039	0.016	0.007	0.001	0.001	0.001		2.06
5	35	0.00	3.35	1.06	0.86	1.60	0.95	1.29	1.05	0.37	0.47	0.182	0.038	0.039	0.016	0.007	0.001	0.001	0.001		2.22
5	36	0.00	2.78	0.98	0.77	1.62	0.95	1.29	1.05	0.49	0.42	0.182	0.038	0.039	0.016	0.007	0.002	0.001	0.001		1.78
5	37	0.00	1.95	1.16	0.65	0.00	0.96	1.30	1.05	0.55	0.40	0.184	0.037	0.038	0.016	0.007	0.002	0.001	0.001		1.62
5	38	0.00	1.42	1.21	0.55	0.00	0.96	1.29	1.05	0.55	0.40	0.183	0.037	0.038	0.016	0.008	0.002	0.001	0.001		1.60
5	39	0.00	1.43	1.11	0.48	0.00	0.95	1.41	1.06	0.55	0.40	0.180	0.038	0.038	0.015	0.007	0.002	0.001	0.001		1.59
5	40	0.00	1.56	0.88	0.43	0.00	0.96	1.40	1.07	0.67	0.33	0.183	0.037	0.038	0.015	0.007	0.002	0.001	0.001		1.60
5	41	0.00	1.20	0.96	0.41	0.00	0.99	1.40	1.09	0.68	0.34	0.188	0.037	0.038	0.015	0.007	0.002	0.001	0.001		1.66
5	42	0.00	0.80	0.93	0.46	3.06	0.39	1.25	1.11	0.60	0.36	0.188	0.038	0.038	0.015	0.007	0.002	0.001	0.001		1.65
5	43	0.00	0.76	0.89	0.54	3.16	0.40	1.50	1.05	0.60	0.37	0.187	0.040	0.038	0.015	0.007	0.002	0.001	0.001		1.67
5	44	0.00	0.55	1.01	0.58	3.27	0.41	1.50	1.20	0.54	0.37	0.188	0.040	0.038	0.015	0.007	0.002	0.001	0.001		1.68
5	45	0.00	0.69	0.86	0.71	3.45	0.63	1.12	1.22	0.64	0.32	0.181	0.040	0.037	0.016	0.008	0.002	0.001	0.001		1.71
5	46	0.00	1.04	0.67	0.94	3.55	0.63	1.61	0.91	0.64	0.36	0.166	0.039	0.037	0.016	0.007	0.002	0.001	0.001		1.73
5	47	0.00	1.56	0.56	1.26	3.80	0.65	1.63	0.93	0.65	0.37	0.172	0.038	0.038	0.016	0.007	0.002	0.001	0.001		1.82
5	48	0.00	1.43	0.57	1.51	3.95	0.66	1.65	0.94	0.66	0.37	0.173	0.038	0.037	0.016	0.007	0.002	0.001	0.001		1.84
5	49	0.00	2.06	0.74	1.59	4.09	0.70	1.66	1.10	0.56	0.43	0.168	0.038	0.037	0.016	0.008	0.002	0.001	0.001		1.89
5	50	0.00	2.61	0.88	1.83	2.02	0.71	1.64	1.10	0.56	0.43	0.168	0.038	0.037	0.016	0.008	0.002	0.001	0.001		1.90
5	51	0.00	3.11	1.10	1.81	2.06	0.75	1.64	1.12	0.56	0.43	0.169	0.038	0.037	0.015	0.008	0.002	0.001	0.001		1.93
5	52	0.00	3.53	1.13	1.73	2.09	0.78	1.64	1.13	0.57	0.43	0.169	0.037	0.037	0.016	0.008	0.002	0.001	0.001		1.91
5	53	0.00	2.80	1.21	1.64	1.37	1.47	1.61	1.12	0.56	0.43	0.168	0.037	0.037	0.016	0.008	0.002	0.001	0.001		1.88
5	54	0.00	3.03	0.56	1.55	1.66	1.49	1.70	0.92	0.56	0.46	0.166	0.037	0.037	0.015	0.008	0.002	0.001	0.001		1.94
5	55	0.00	3.72	0.56	1.88	1.61	1.53	1.44	1.13	0.56	0.46	0.165	0.037	0.036	0.015	0.008	0.002	0.001	0.001		2.05
5	56	0.00	4.76	0.77	1.77	1.56	0.00	1.39	1.16	0.51	0.46	0.166	0.037	0.036	0.015	0.008	0.002	0.001	0.001		2.21
5	57	0.00	4.72	0.87	1.61	1.48	0.00	1.37	1.15	0.45	0.47	0.173	0.036	0.036	0.015	0.008	0.002	0.001	0.001		2.33
5	58	0.00	0.00	1.00	1.54	1.45	0.00	1.37	1.15	0.52	0.49	0.155	0.036	0.036	0.015	0.008	0.002	0.001	0.001		2.52
5	59	0.00	5.34	1.32	1.49	1.38	0.00	1.35	1.14	0.51	0.45	0.167	0.036	0.035	0.015	0.008	0.002	0.001	0.001		2.99

Terrain correction function values for various distance intervals at each gravity station. The total terrain correction is the sum of each function value multiplied by the corresponding distance interval. The total terrain correction values are listed in appendix 2.

Location: Engebøfjellet r=50,100,200,400,800m Project no: 1900.05 Fieldwork carried out in 1997 Processing performed in June 1997

TERRAIN CORRECTION INCREMENTS PR. KM RADIUS. CHECK AGAINST UNNORMAL VALUES

DISTANCE KM		0	0.002	0.068	0.23	0.59	0.90	1.28	1.75	2.29	2.87	3.52	5.24	8.44	12.4	18.8	28.8	58.8	99.0	166.7	
Prof.	Stat.																				CIRCLE
5	60	0.00	4.53	1.39	1.38	1.31	0.00	1.34	1.13	0.51	0.55	0.166	0.036	0.035	0.015	0.008	0.002	0.001	0.001		2.93
5	61	0.00	12.76	1.37	1.24	1.27	0.00	1.32	1.12	0.50	0.55	0.165	0.035	0.034	0.015	0.008	0.002	0.002	0.001		3.80
5	62	0.00	5.75	1.30	1.20	1.25	0.00	1.30	1.11	0.50	0.54	0.163	0.035	0.034	0.015	0.008	0.002	0.002	0.001		4.11
5	63	0.00	5.29	1.24	1.18	1.22	0.00	1.28	1.09	0.49	0.42	0.165	0.035	0.034	0.015	0.007	0.002	0.002	0.001		4.09
5	64	0.00	5.14	1.30	1.07	1.18	0.00	1.27	1.09	0.44	0.42	0.164	0.035	0.034	0.015	0.008	0.002	0.002	0.001		3.91
5	65	0.00	4.71	1.19	1.12	1.17	0.00	1.26	1.08	0.48	0.36	0.164	0.035	0.034	0.015	0.008	0.002	0.002	0.001		3.85
5	66	0.00	4.25	1.33	1.11	1.29	0.15	1.41	0.86	0.46	0.37	0.169	0.035	0.033	0.014	0.008	0.002	0.002	0.002		3.94
5	67	0.00	3.66	1.42	1.14	1.29	0.17	1.41	0.96	0.45	0.37	0.168	0.035	0.033	0.014	0.008	0.002	0.002	0.002		4.10
5	68	0.00	2.63	1.35	1.17	1.29	0.19	1.36	1.09	0.45	0.42	0.151	0.035	0.033	0.014	0.009	0.003	0.002	0.002		3.37
5	69	0.00	2.28	1.19	1.16	1.31	0.21	1.47	1.03	0.45	0.42	0.150	0.035	0.033	0.014	0.009	0.003	0.002	0.002		2.73
5	70	0.00	1.64	1.18	1.17	1.32	0.23	1.47	1.02	0.45	0.42	0.150	0.035	0.033	0.014	0.009	0.003	0.002	0.002		1.68
5	71	0.00	1.29	1.32	1.24	1.10	0.24	1.47	1.01	0.46	0.42	0.150	0.036	0.033	0.014	0.008	0.003	0.002	0.002		1.45
5	72	0.00	0.56	1.01	1.40	1.35	0.26	1.47	1.00	0.46	0.44	0.152	0.036	0.032	0.014	0.009	0.003	0.002	0.002		1.58
5	73	0.00	0.31	1.22	1.56	1.37	0.27	1.47	0.99	0.46	0.44	0.153	0.037	0.032	0.014	0.009	0.003	0.002	0.002		1.87
5	74	0.00	0.30	1.18	1.63	1.41	0.27	1.66	0.98	0.46	0.44	0.157	0.037	0.032	0.014	0.009	0.003	0.002	0.002		2.29
5	75	0.00	0.74	1.21	1.67	1.40	0.27	1.68	0.97	0.48	0.43	0.157	0.037	0.032	0.014	0.009	0.003	0.002	0.002		2.55
5	76	0.00	1.43	1.26	1.71	1.39	0.27	1.70	0.97	0.57	0.34	0.160	0.037	0.031	0.015	0.009	0.003	0.002	0.002		2.76
5	77	0.00	1.07	1.10	1.57	1.33	0.30	1.65	0.92	0.50	0.33	0.160	0.038	0.031	0.015	0.009	0.003	0.002	0.002		2.64
5	78	0.00	1.64	1.19	1.40	1.34	0.23	1.62	0.91	0.61	0.26	0.158	0.039	0.031	0.015	0.009	0.003	0.002	0.002		2.60
5	79	0.00	1.90	1.21	1.36	1.31	0.96	1.30	0.88	0.61	0.26	0.157	0.040	0.031	0.015	0.009	0.003	0.002	0.002		2.39
5	80	0.00	1.90	1.16	1.14	1.27	0.91	1.43	0.88	0.66	0.26	0.155	0.042	0.031	0.015	0.009	0.004	0.002	0.002		2.02
5	81	0.00	1.81	1.40	0.91	1.25	0.90	1.39	0.87	0.64	0.27	0.156	0.044	0.031	0.015	0.009	0.004	0.003	0.002		1.70
5	82	0.00	1.09	1.60	1.44	1.31	0.87	1.37	0.87	0.64	0.27	0.153	0.044	0.031	0.015	0.009	0.004	0.003	0.002		1.66
5	83	0.00	1.26	1.42	1.40	1.33	0.87	1.38	0.86	0.64	0.27	0.156	0.045	0.031	0.015	0.009	0.004	0.003	0.002		1.82
5	84	0.00	1.10	1.23	1.58	1.42	1.00	1.17	0.91	0.53	0.27	0.153	0.044	0.031	0.015	0.009	0.004	0.003	0.002		1.94
5	85	0.00	1.30	1.94	1.84	1.45	1.02	1.18	0.91	0.54	0.27	0.153	0.044	0.031	0.015	0.009	0.004	0.003	0.002		2.15
5	86	0.00	2.55	1.88	2.39	1.75	1.09	1.23	0.94	0.63	0.26	0.155	0.044	0.031	0.015	0.009	0.004	0.003	0.002		4.01
6	1	0.00	1.01	0.63	0.00	1.35	0.90	0.16	0.73	0.63	0.28	0.358	0.117	0.065	0.023	0.010	0.000	0.000	0.000		1.53
6	2	0.00	1.72	0.75	0.02	1.35	0.88	0.14	0.72	0.62	0.41	0.336	0.104	0.063	0.023	0.009	0.000	0.000	0.000		1.41
6	3	0.00	2.16	0.90	0.06	1.31	0.86	0.43	0.57	0.61	0.40	0.328	0.100	0.061	0.022	0.009	0.000	0.000	0.000		1.29
6	4	0.00	0.93	1.19	1.14	1.31	0.85	0.43	0.66	0.55	0.43	0.318	0.099	0.060	0.022	0.009	0.000	0.000	0.000		1.34
6	5	0.00	0.85	1.54	1.17	1.36	0.86	0.44	0.67	0.51	0.47	0.319	0.097	0.059	0.022	0.009	0.000	0.000	0.000		2.29
6	6	0.00	1.18	1.70	1.29	1.24	0.85	0.43	0.66	0.50	0.46	0.312	0.093	0.058	0.022	0.009	0.000	0.000	0.000		2.94
6	7	0.00	1.95	1.74	1.30	1.24	0.83	0.42	0.78	0.45	0.48	0.305	0.091	0.056	0.021	0.009	0.000	0.000	0.000		2.92

Terrain correction function values for various distance intervals at each gravity station. The total terrain correction is the sum of each function value multiplied by the corresponding distance interval. The total correction values are listed in appendix 2.

Location: Engebøfjellet r=50,100,200,400,800m Project no: 1900.05 Fieldwork carried out in 1997 Processing performed in June 1997

TERRAIN CORRECTION INCREMENTS PR. KM RADIUS. CHECK AGAINST UNNORMAL VALUES

DISTANCE KM		0	0.002	0.068	0.23	0.59	0.90	1.28	1.75	2.29	2.87	3.52	5.24	8.44	12.4	18.8	28.8	58.8	99.0	166.7	
Prof.	Stat.																				CIRCLE
6	8	0.00	2.68	2.76	1.35	1.23	0.81	0.40	0.76	0.45	0.47	0.298	0.088	0.055	0.021	0.009	0.000	0.000	0.000		3.18
6	9	0.00	3.67	2.47	1.38	1.20	0.77	0.68	0.38	0.55	0.28	0.294	0.082	0.053	0.020	0.009	0.000	0.000	0.000		4.37
6	10	0.00	5.14	2.27	1.46	1.18	0.74	0.66	0.36	0.54	0.29	0.280	0.078	0.051	0.019	0.009	0.000	0.000	0.000		4.86
6	11	0.00	7.75	2.26	1.73	1.20	0.72	0.64	0.34	0.52	0.28	0.272	0.075	0.049	0.019	0.009	0.000	0.000	0.000		4.51
6	12	0.00	6.70	2.23	1.69	1.18	0.68	0.73	0.28	0.51	0.38	0.239	0.071	0.047	0.018	0.008	0.001	0.000	0.000		4.09
6	13	0.00	2.03	2.21	1.99	1.26	0.70	0.70	0.27	0.54	0.34	0.224	0.066	0.045	0.017	0.009	0.001	0.001	0.001		3.35
6	14	0.00	1.87	1.99	1.96	1.25	0.53	0.69	0.27	0.54	0.39	0.205	0.063	0.045	0.017	0.008	0.001	0.001	0.001		2.04
6	15	0.00	1.31	1.24	1.88	1.21	0.63	0.68	0.26	0.54	0.38	0.199	0.060	0.043	0.016	0.008	0.001	0.001	0.001		1.97
6	16	0.00	1.97	1.24	0.00	1.18	0.69	0.67	0.26	0.53	0.41	0.192	0.058	0.042	0.016	0.008	0.001	0.001	0.001		1.74
6	17	0.00	0.50	0.82	0.00	1.19	0.67	0.68	0.26	0.54	0.41	0.193	0.058	0.042	0.016	0.008	0.001	0.001	0.001		1.61
6	18	0.00	0.39	0.67	1.15	1.16	0.68	0.85	0.23	0.59	0.38	0.194	0.057	0.041	0.016	0.008	0.001	0.001	0.001		1.57
6	19	0.00	0.34	0.45	1.18	1.16	0.67	0.87	0.24	0.56	0.40	0.195	0.057	0.041	0.016	0.007	0.001	0.001	0.001		1.64
6	20	0.00	0.16	0.24	1.33	1.20	0.61	0.73	0.28	0.58	0.41	0.199	0.058	0.041	0.016	0.007	0.001	0.001	0.001		1.60
6	21	0.00	0.25	0.28	1.47	1.28	0.69	0.77	0.48	0.54	0.42	0.185	0.058	0.042	0.016	0.007	0.001	0.001	0.001		1.49
6	22	0.00	0.10	0.36	1.51	1.27	0.67	0.78	0.49	0.54	0.42	0.196	0.054	0.042	0.016	0.007	0.001	0.001	0.001		1.39
6	23	0.00	0.34	0.36	1.50	1.28	0.66	0.80	0.49	0.55	0.42	0.196	0.054	0.041	0.016	0.007	0.001	0.001	0.001		1.53
6	24	0.00	0.44	0.38	1.51	1.35	0.92	0.65	0.71	0.45	0.40	0.193	0.053	0.040	0.016	0.007	0.001	0.001	0.001		1.67
6	25	0.00	0.69	0.41	1.28	1.35	0.94	0.65	0.70	0.44	0.40	0.188	0.051	0.039	0.016	0.007	0.001	0.001	0.001		1.80
6	26	0.00	0.76	0.57	1.23	1.36	0.95	0.65	0.70	0.44	0.40	0.188	0.051	0.039	0.016	0.007	0.001	0.001	0.001		1.74
6	27	0.00	0.27	0.77	1.30	1.45	0.94	0.67	0.71	0.45	0.40	0.190	0.051	0.039	0.016	0.007	0.001	0.001	0.001		1.92
6	28	0.00	0.50	0.70	1.40	1.48	0.95	0.77	0.66	0.50	0.39	0.197	0.047	0.039	0.016	0.007	0.001	0.001	0.001		1.68
6	29	0.00	0.52	0.80	1.51	1.56	0.95	0.80	0.68	0.51	0.39	0.206	0.045	0.039	0.016	0.007	0.001	0.001	0.001		2.02
6	30	0.00	4.10	1.96	2.14	1.59	0.96	0.84	0.70	0.53	0.40	0.213	0.045	0.039	0.016	0.007	0.001	0.001	0.001		2.26
6	31	0.00	3.62	2.28	2.43	1.54	1.71	0.40	0.71	0.53	0.40	0.214	0.044	0.039	0.016	0.007	0.001	0.001	0.001		3.47
6	32	0.00	5.14	2.44	2.53	1.55	1.71	0.41	0.71	0.52	0.40	0.211	0.043	0.039	0.016	0.007	0.001	0.001	0.001		4.01
6	33	0.00	6.06	2.22	2.40	1.54	1.68	0.41	0.70	0.52	0.41	0.199	0.042	0.038	0.016	0.007	0.001	0.001	0.001		4.08
6	34	0.00	6.50	1.89	2.21	1.55	1.63	0.43	0.64	0.45	0.43	0.193	0.041	0.036	0.015	0.008	0.001	0.001	0.001		3.95
6	35	0.00	5.78	1.55	1.95	1.48	1.56	0.44	0.64	0.44	0.42	0.188	0.039	0.036	0.015	0.007	0.002	0.001	0.001		3.50
6	36	0.00	4.33	1.44	1.93	1.43	1.55	0.44	0.64	0.44	0.44	0.184	0.038	0.035	0.015	0.008	0.002	0.001	0.001		2.66
6	37	0.00	2.87	1.40	1.66	1.35	1.48	0.45	0.71	0.41	0.43	0.180	0.038	0.033	0.015	0.008	0.002	0.001	0.001		2.38
6	38	0.00	1.09	1.76	0.13	1.45	1.73	0.56	0.89	0.35	0.36	0.184	0.038	0.033	0.015	0.008	0.002	0.001	0.001		2.00
6	39	0.00	0.65	1.06	2.02	1.55	1.89	0.54	0.92	0.35	0.37	0.189	0.038	0.033	0.015	0.008	0.002	0.001	0.001		2.85
6	40	0.00	0.89	1.48	2.14	1.55	1.96	0.53	1.07	0.39	0.34	0.185	0.037	0.034	0.015	0.008	0.002	0.001	0.001		3.47
6	41	0.00	0.88	2.71	2.21	1.48	2.40	0.54	1.06	0.39	0.34	0.184	0.037	0.033	0.015	0.008	0.002	0.001	0.001		3.59

Terrain correction function values for various distance intervals at each gravity station. The total terrain correction is the sum of each function value multiplied by the corresponding distance interval. The total terrain correction values are listed in appendix 2.

Location: Engebøfjellet r=50,100,200,400,800m Project no: 1900.05 Fieldwork carried out in 1997 Processing performed in June 1997

TERRAIN CORRECTION INCREMENTS PR. KM RADIUS. CHECK AGAINST UNNORMAL VALUES

DISTANCE KM		0	0.002	0.068	0.23	0.59	0.90	1.28	1.75	2.29	2.87	3.52	5.24	8.44	12.4	18.8	28.8	58.8	99.0	166.7	
Prof.	Stat.																				CIRCLE
6	42	0.00	3.05	3.49	2.15	1.44	2.40	0.55	1.07	0.39	0.36	0.181	0.036	0.033	0.015	0.008	0.002	0.002	0.001		3.83
6	43	0.00	5.87	3.42	2.33	1.23	2.23	0.57	1.04	0.40	0.34	0.179	0.036	0.032	0.015	0.008	0.002	0.002	0.001		4.34
6	44	0.00	8.50	2.81	2.18	1.09	1.96	0.80	0.87	0.40	0.34	0.175	0.036	0.032	0.014	0.008	0.003	0.002	0.002		5.36
6	45	0.00	9.18	2.33	2.19	0.97	1.57	0.84	0.85	0.40	0.33	0.174	0.038	0.031	0.014	0.008	0.003	0.002	0.002		6.35
6	46	0.00	7.39	2.46	2.33	0.97	1.49	0.86	0.84	0.40	0.33	0.174	0.039	0.031	0.014	0.008	0.003	0.002	0.002		5.52
6	47	0.00	4.13	3.15	2.42	0.97	1.37	0.88	0.84	0.46	0.26	0.174	0.041	0.031	0.014	0.008	0.003	0.002	0.002		4.34
6	48	0.00	2.61	1.76	2.44	0.99	1.29	0.90	0.80	0.46	0.32	0.163	0.043	0.031	0.014	0.008	0.004	0.002	0.002		3.63
6	49	0.00	1.69	2.22	2.40	1.02	1.19	0.97	0.63	0.50	0.32	0.164	0.044	0.032	0.015	0.008	0.004	0.003	0.002		3.85
6	50	0.00	0.68	2.00	2.27	1.06	1.20	0.97	0.63	0.50	0.33	0.165	0.044	0.032	0.015	0.008	0.004	0.003	0.002		4.08
6	51	0.00	2.56	3.30	2.32	1.19	0.21	0.83	0.76	0.57	0.26	0.166	0.044	0.032	0.015	0.009	0.004	0.003	0.002		4.11

Terrain correction function values for various distance intervals at each gravity station. The total terrain correction is the sum of each function value multiplied by the corresponding distance interval. The total terrain correction values are listed in appendix 2.

TABLE OF CO-ORDINATES, ABSOLUTE GRAVITY, CORRECTIONS AND BOUGUER ANOMALIES

Location: Engebø r=50,100,200,400,800m Project no: 190005 Fieldwork carried out in 1997 Processing performed in June 1997

Station Profile	Station Point	Latitude	Longitude	UTM zone	UTM East	UTM North	Elevation (in m)	Absolute gravity	Bouguer corr.	Terrain corr.	Free air corr.	Bouguer anomaly
0	1	61 29.80	5 28.37	32V	312274	6823349	270.30	981978.475	30.61	10.66	83.36	8.23
0	2	61 29.64	5 28.28	32V	312171	6823060	1.50	982032.785	0.17	8.21	0.46	7.88
0	3	61 29.81	5 28.37	32V	312269	6823374	281.00	981977.378	31.82	9.25	86.66	7.82
0	4	61 29.82	5 28.34	32V	312246	6823396	283.90	981977.735	32.14	8.92	87.56	8.41
0	5	61 29.83	5 28.33	32V	312236	6823415	286.00	981977.858	32.38	9.57	88.20	9.59
0	6	61 29.84	5 28.31	32V	312223	6823436	287.80	981978.060	32.59	8.96	88.76	9.54
0	7	61 29.85	5 28.29	32V	312203	6823449	284.40	981979.036	32.20	8.36	87.71	9.18
0	8	61 29.85	5 28.26	32V	312177	6823454	279.80	981980.150	31.68	8.05	86.29	9.09
0	9	61 29.86	5 28.24	32V	312160	6823463	274.60	981981.446	31.09	7.92	84.69	9.24
0	10	61 29.86	5 28.21	32V	312136	6823480	270.20	981982.369	30.59	7.88	83.33	9.27
0	11	61 29.87	5 28.18	32V	312113	6823490	265.30	981983.553	30.04	8.22	81.82	9.83
0	12	61 29.82	5 28.16	32V	312090	6823404	264.00	981983.622	29.89	7.83	81.42	9.33
0	13	61 29.88	5 28.13	32V	312071	6823522	261.90	981983.993	29.66	7.88	80.77	9.27
0	14	61 29.90	5 28.12	32V	312057	6823545	264.20	981983.383	29.92	8.14	81.48	9.31
0	15	61 29.91	5 28.10	32V	312042	6823563	264.40	981983.219	29.94	7.89	81.54	8.93
0	16	61 29.92	5 28.10	32V	312045	6823589	259.90	981984.454	29.43	7.21	80.15	8.61
0	17	61 29.93	5 28.09	32V	312035	6823614	256.20	981985.541	29.01	6.92	79.01	8.68
0	18	61 29.95	5 28.09	32V	312039	6823640	255.70	981985.854	28.95	6.73	78.86	8.65
4	1	61 29.47	5 24.22	32V	308561	6822938	14.00	982029.504	1.59	4.87	4.32	3.89
4	2	61 29.48	5 24.22	32V	308557	6822964	17.80	982029.500	2.02	4.99	5.49	4.75
4	3	61 29.49	5 24.21	32V	308552	6822989	24.20	982028.696	2.74	4.40	7.46	4.60
4	4	61 29.51	5 24.20	32V	308547	6823013	29.30	982028.092	3.32	4.72	9.04	5.25
4	5	61 29.52	5 24.20	32V	308542	6823038	31.90	982027.698	3.61	4.75	9.84	5.40
4	6	61 29.53	5 24.19	32V	308537	6823063	33.50	982027.538	3.80	4.90	10.33	5.70
4	7	61 29.55	5 24.18	32V	308532	6823088	34.70	982027.460	3.93	4.75	10.70	5.63
4	8	61 29.56	5 24.17	32V	308527	6823112	35.90	982027.356	4.07	5.12	11.07	6.14
4	9	61 29.57	5 24.17	32V	308523	6823134	37.70	982026.919	4.27	5.29	11.63	6.22
4	10	61 29.59	5 24.16	32V	308517	6823159	40.80	982026.092	4.62	6.06	12.58	6.77
4	11	61 29.60	5 24.15	32V	308513	6823184	56.50	982023.260	6.40	5.76	17.43	6.64
4	12	61 29.61	5 24.15	32V	308508	6823207	64.60	982021.825	7.32	5.38	19.92	6.41
4	13	61 29.62	5 24.14	32V	308504	6823233	70.00	982020.868	7.93	5.36	21.59	6.48
4	14	61 29.64	5 24.13	32V	308496	6823257	77.30	982019.547	8.76	5.34	23.84	6.57
4	15	61 29.65	5 24.12	32V	308492	6823282	92.00	982016.647	10.42	6.02	28.37	7.15
4	16	61 29.66	5 24.11	32V	308485	6823306	102.90	982014.620	11.66	6.29	31.74	7.52
4	17	61 29.68	5 24.11	32V	308480	6823331	117.20	982011.712	13.28	5.88	36.15	6.99
4	18	61 29.69	5 24.10	32V	308473	6823357	123.70	982010.808	14.01	5.37	38.15	6.85
4	19	61 29.70	5 24.09	32V	308468	6823381	128.90	982010.102	14.60	4.94	39.75	6.66
4	20	61 29.72	5 24.08	32V	308463	6823405	133.10	982009.400	15.08	5.49	41.05	7.34

Location: Engebø r=50,100,200,400,800m Project no: 190005 Fieldwork carried out in 1997 Processing performed in June 1997

Station Profile	Point	Lati-tude	Longi-tude	UTM zone	UTM East	UTM North	Elevation (in m)	Absolute gravity	Bouguer corr.	Terrain corr.	Free air corr.	Bouguer anomaly
4	21	61 29.73	5 24.08	32V	308457	6823429	136.60	982008.698	15.47	5.76	42.13	7.58
4	22	61 29.74	5 24.07	32V	308453	6823452	135.40	982008.838	15.34	5.96	41.76	7.69
4	23	61 29.75	5 24.06	32V	308446	6823477	144.10	982007.064	16.32	6.42	44.44	8.01
4	24	61 29.77	5 24.05	32V	308440	6823500	155.70	982004.900	17.64	6.85	48.02	8.54
4	25	61 29.78	5 24.04	32V	308434	6823526	163.00	982003.494	18.46	7.09	50.27	8.80
5	1	61 29.47	5 23.39	32V	307827	6822989	28.30	982031.230	3.21	4.48	8.73	8.01
5	2	61 29.41	5 23.51	32V	307925	6822875	2.20	982034.332	0.25	4.18	0.68	5.79
5	3	61 29.48	5 23.37	32V	307807	6823004	32.90	982030.656	3.73	4.18	10.15	8.04
5	4	61 29.49	5 23.35	32V	307787	6823018	36.10	982030.311	4.09	3.98	11.13	8.12
5	5	61 29.49	5 23.32	32V	307767	6823032	39.00	982029.851	4.42	4.05	12.03	8.29
5	6	61 29.50	5 23.30	32V	307746	6823048	40.60	982029.816	4.60	4.21	12.52	8.67
5	7	61 29.51	5 23.28	32V	307726	6823062	42.30	982029.534	4.79	4.46	13.05	8.97
5	8	61 29.52	5 23.25	32V	307706	6823077	46.40	982028.672	5.26	4.28	14.31	8.73
5	9	61 29.52	5 23.23	32V	307686	6823091	49.90	982028.225	5.65	4.22	15.39	8.90
5	10	61 29.53	5 23.20	32V	307662	6823103	52.40	982027.737	5.94	4.30	16.16	8.98
5	11	61 29.53	5 23.17	32V	307635	6823114	54.90	982026.650	6.22	4.47	16.93	8.55
5	12	61 29.54	5 23.14	32V	307611	6823124	58.20	982026.526	6.59	4.68	17.95	9.28
5	13	61 29.55	5 23.12	32V	307589	6823136	61.40	982025.973	6.96	4.69	18.94	9.30
5	14	61 29.55	5 23.09	32V	307568	6823151	64.50	982025.404	7.31	4.86	19.89	9.51
5	15	61 29.56	5 23.07	32V	307546	6823164	67.70	982024.910	7.67	4.36	20.88	9.13
5	16	61 29.56	5 23.04	32V	307526	6823176	70.90	982024.354	8.03	4.25	21.87	9.09
5	17	61 29.57	5 23.01	32V	307500	6823184	73.40	982023.958	8.32	4.19	22.64	9.13
5	18	61 29.57	5 22.99	32V	307478	6823192	75.60	982023.539	8.57	4.23	23.32	9.18
5	19	61 29.58	5 22.97	32V	307465	6823209	76.90	982023.353	8.71	4.15	23.72	9.17
5	20	61 29.59	5 22.97	32V	307459	6823235	79.40	982022.860	9.00	4.55	24.49	9.56
5	21	61 29.61	5 22.96	32V	307453	6823256	91.00	982020.946	10.31	4.50	28.07	9.80
5	22	61 29.62	5 22.95	32V	307444	6823282	103.00	982018.894	11.67	4.39	31.77	9.98
5	23	61 29.63	5 22.93	32V	307435	6823305	112.70	982017.144	12.77	4.47	34.76	10.20
5	24	61 29.65	5 22.93	32V	307430	6823331	117.40	982016.465	13.30	4.21	36.21	10.11
5	25	61 29.66	5 22.92	32V	307422	6823355	119.40	982015.888	13.53	4.21	36.82	9.93
5	26	61 29.67	5 22.90	32V	307413	6823375	122.40	982015.463	13.87	4.20	37.75	10.08
5	27	61 29.68	5 22.88	32V	307396	6823395	124.50	982015.148	14.10	4.05	38.40	10.03
5	28	61 29.69	5 22.87	32V	307380	6823412	126.90	982014.717	14.38	4.07	39.14	10.09
5	29	61 29.70	5 22.86	32V	307374	6823435	129.70	982014.251	14.69	4.20	40.00	10.23
5	30	61 29.71	5 22.86	32V	307380	6823460	132.90	982013.760	15.05	3.84	40.99	10.00
5	31	61 29.72	5 22.87	32V	307389	6823480	135.80	982013.126	15.38	4.03	41.88	10.13
5	32	61 29.74	5 22.88	32V	307399	6823502	138.60	982012.639	15.70	3.74	42.75	9.89
5	33	61 29.75	5 22.88	32V	307400	6823528	141.50	982012.206	16.03	3.78	43.64	10.01

Location: Engebø r=50,100,200,400,800m Project no: 190005 Fieldwork carried out in 1997 Processing performed in June 1997

Station Profile	Station Point	Latitude	Longitude	UTM zone	UTM East	UTM North	Elevation (in m)	Absolute gravity	Bouguer corr.	Terrain corr.	Free air corr.	Bouguer anomaly
5	34	61 29.76	5 22.87	32V	307396	6823554	144.00	982011.741	16.31	4.24	44.41	10.49
5	35	61 29.78	5 22.88	32V	307403	6823579	147.00	982011.200	16.65	4.40	45.34	10.69
5	36	61 29.79	5 22.88	32V	307407	6823600	150.10	982010.619	17.00	4.20	46.29	10.51
5	37	61 29.80	5 22.88	32V	307402	6823625	152.60	982010.338	17.28	4.17	47.06	10.64
5	38	61 29.81	5 22.86	32V	307389	6823645	154.90	982010.730	17.55	4.07	47.77	11.37
5	39	61 29.82	5 22.84	32V	307374	6823665	156.90	982010.614	17.77	3.97	48.39	11.55
5	40	61 29.83	5 22.82	32V	307357	6823684	158.00	982010.413	17.90	4.01	48.73	11.60
5	41	61 29.84	5 22.81	32V	307344	6823705	157.50	982010.433	17.84	3.98	48.57	11.49
5	42	61 29.85	5 22.79	32V	307330	6823725	157.00	982010.324	17.78	3.98	48.42	11.22
5	43	61 29.86	5 22.77	32V	307316	6823744	156.60	982010.362	17.74	4.05	48.30	11.26
5	44	61 29.87	5 22.76	32V	307304	6823765	156.70	982010.164	17.75	4.06	48.33	11.09
5	45	61 29.89	5 22.74	32V	307294	6823791	157.80	982009.779	17.87	4.20	48.67	11.06
5	46	61 29.90	5 22.74	32V	307290	6823814	158.70	982009.618	17.98	4.43	48.94	11.24
5	47	61 29.92	5 22.73	32V	307286	6823842	159.20	982009.663	18.03	4.69	49.10	11.64
5	48	61 29.93	5 22.73	32V	307281	6823866	159.00	982009.446	18.01	4.84	49.04	11.54
5	49	61 29.94	5 22.71	32V	307270	6823884	158.20	982009.417	17.92	5.10	48.79	11.61
5	50	61 29.94	5 22.69	32V	307249	6823896	158.40	982009.337	17.94	5.16	48.85	11.63
5	51	61 29.95	5 22.66	32V	307225	6823910	158.50	982009.345	17.95	5.00	48.88	11.43
5	52	61 29.96	5 22.64	32V	307204	6823924	159.30	982009.172	18.04	5.08	49.13	11.50
5	53	61 29.96	5 22.61	32V	307185	6823935	161.30	982008.951	18.27	4.95	49.75	11.54
5	54	61 29.97	5 22.59	32V	307163	6823948	163.70	982008.383	18.54	4.79	50.49	11.28
5	55	61 29.97	5 22.56	32V	307140	6823960	164.80	982008.254	18.67	5.00	50.83	11.58
5	56	61 29.98	5 22.53	32V	307115	6823972	165.90	982007.853	18.79	5.16	51.17	11.54
5	57	61 29.98	5 22.50	32V	307089	6823981	168.60	982007.551	19.10	5.00	52.00	11.61
5	58	61 29.99	5 22.48	32V	307065	6823986	171.30	982006.984	19.40	4.50	52.83	11.07
5	59	61 29.99	5 22.45	32V	307041	6823989	173.10	982006.800	19.61	4.85	53.39	11.59
5	60	61 29.99	5 22.42	32V	307016	6823993	175.20	982006.499	19.84	4.86	54.03	11.70
5	61	61 29.99	5 22.39	32V	306992	6823994	178.30	982005.805	20.19	6.47	54.99	13.23
5	62	61 29.99	5 22.37	32V	306969	6824000	182.00	982005.445	20.61	5.04	56.13	12.16
5	63	61 29.99	5 22.34	32V	306946	6824007	185.90	982004.786	21.05	4.78	57.33	12.00
5	64	61 30.00	5 22.31	32V	306922	6824017	189.80	982004.146	21.50	4.76	58.54	12.04
5	65	61 30.01	5 22.29	32V	306903	6824030	193.60	982003.656	21.93	4.58	59.71	12.12
5	66	61 30.01	5 22.26	32V	306880	6824044	197.60	982002.999	22.38	4.60	60.94	12.26
5	67	61 30.02	5 22.24	32V	306858	6824057	201.50	982002.356	22.82	4.54	62.14	12.32
5	68	61 30.03	5 22.22	32V	306842	6824072	205.40	982001.717	23.26	4.32	63.35	12.22
5	69	61 30.04	5 22.20	32V	306830	6824094	209.20	982000.924	23.69	3.97	64.52	11.82
5	70	61 30.05	5 22.19	32V	306815	6824114	213.00	982000.352	24.12	4.10	65.69	12.05
5	71	61 30.06	5 22.17	32V	306804	6824137	216.20	981999.626	24.48	4.39	66.68	12.24

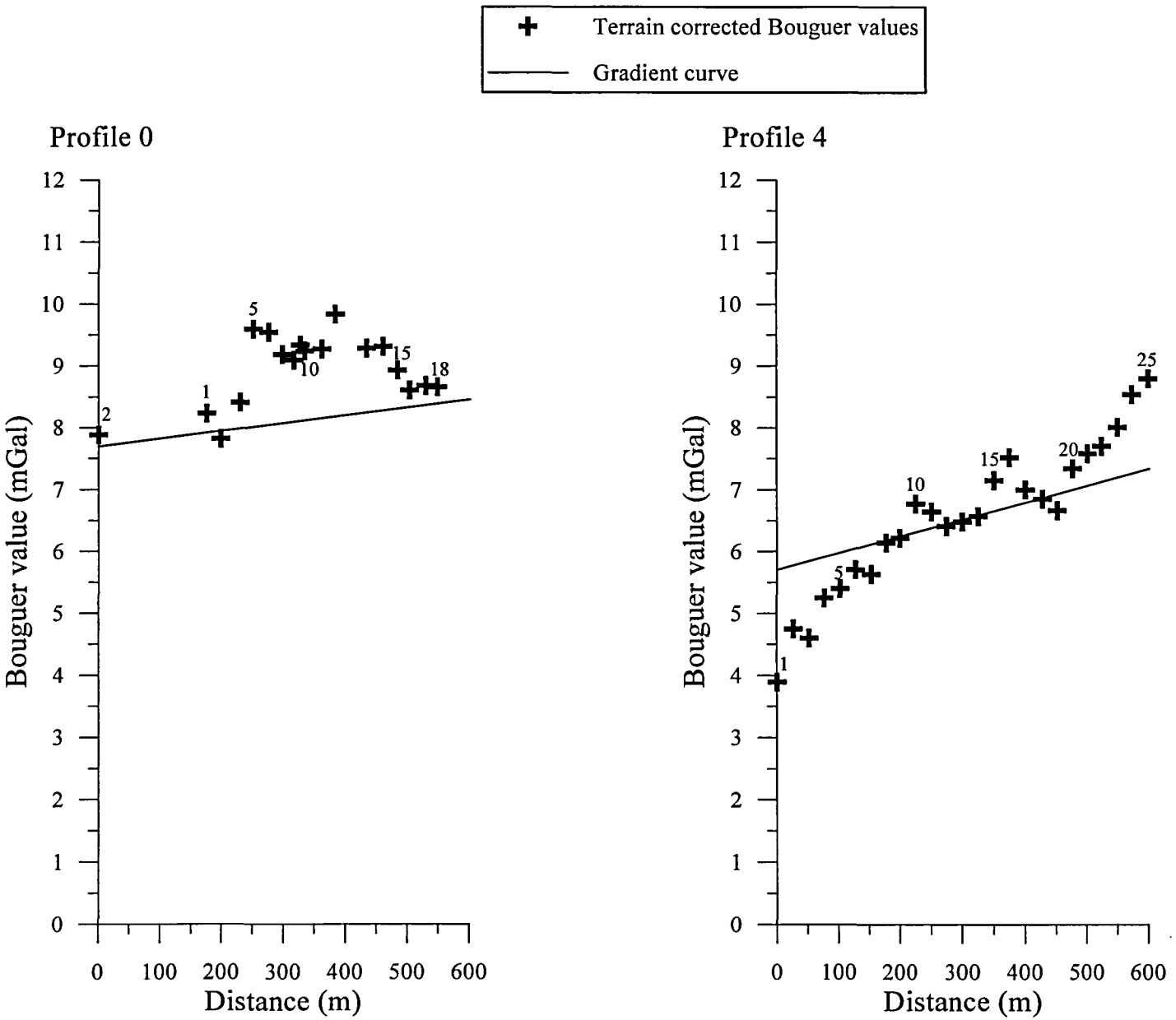
Location: Engebø r=50,100,200,400,800m Project no: 190005 Fieldwork carried out in 1997 Processing performed in June 1997

Station Profile	Station Point	Latitude	Longitude	UTM zone	UTM East	UTM North	Elevation (in m)	Absolute gravity	Bouguer corr.	Terrain corr.	Free air corr.	Bouguer anomaly
5	72	61 30.07	5 22.16	32V	306792	6824159	220.20	981998.985	24.94	4.20	67.91	12.19
5	73	61 30.08	5 22.14	32V	306781	6824182	223.00	981998.429	25.25	4.33	68.77	12.31
5	74	61 30.10	5 22.13	32V	306771	6824205	224.80	981997.795	25.46	4.42	69.33	12.06
5	75	61 30.11	5 22.12	32V	306761	6824227	226.00	981997.299	25.59	4.46	69.70	11.83
5	76	61 30.12	5 22.11	32V	306751	6824250	227.30	981997.189	25.74	4.56	70.10	12.08
5	77	61 30.13	5 22.09	32V	306741	6824273	234.10	981995.867	26.51	4.38	72.20	11.91
5	78	61 30.14	5 22.08	32V	306730	6824295	240.90	981994.674	27.28	4.39	74.29	11.98
5	79	61 30.16	5 22.06	32V	306719	6824320	245.90	981993.773	27.84	4.47	75.84	12.14
5	80	61 30.17	5 22.05	32V	306709	6824340	253.60	981992.291	28.72	4.46	78.21	12.15
5	81	61 30.18	5 22.04	32V	306697	6824363	262.00	981991.029	29.67	4.32	80.80	12.39
5	82	61 30.19	5 22.02	32V	306687	6824387	266.50	981990.258	30.18	4.06	82.19	12.18
5	83	61 30.20	5 22.01	32V	306677	6824410	268.30	981989.854	30.38	4.15	82.74	12.22
5	84	61 30.21	5 22.00	32V	306665	6824432	266.50	981990.129	30.18	4.30	82.19	12.29
5	85	61 30.21	5 21.99	32V	306655	6824417	263.80	981990.383	29.87	4.41	81.36	12.13
5	86	61 30.24	5 21.97	32V	306645	6824480	262.10	981990.280	29.68	4.77	80.83	11.98
6	1	61 29.31	5 21.66	32V	306277	6822775	4.55	982031.611	0.52	3.99	1.40	3.46
6	2	61 29.33	5 21.66	32V	306273	6822800	10.80	982030.962	1.22	4.17	3.33	4.21
6	3	61 29.34	5 21.65	32V	306271	6822825	17.50	982030.426	1.98	4.17	5.40	4.99
6	4	61 29.35	5 21.65	32V	306269	6822849	21.00	982030.166	2.38	3.94	6.48	5.11
6	5	61 29.37	5 21.65	32V	306265	6822875	23.20	982029.793	2.63	4.08	7.16	5.30
6	6	61 29.38	5 21.64	32V	306263	6822899	28.40	982029.001	3.22	4.23	8.76	5.68
6	7	61 29.39	5 21.64	32V	306261	6822924	33.50	982028.229	3.80	4.37	10.33	6.04
6	8	61 29.40	5 21.63	32V	306259	6822949	39.70	982026.908	4.50	4.23	12.24	5.73
6	9	61 29.42	5 21.63	32V	306256	6822973	50.40	982025.379	5.71	4.05	15.54	6.11
6	10	61 29.43	5 21.62	32V	306253	6822999	60.10	982023.524	6.81	4.26	18.54	6.36
6	11	61 29.44	5 21.62	32V	306250	6823023	68.30	982022.316	7.74	4.79	21.06	7.28
6	12	61 29.46	5 21.62	32V	306248	6823048	80.40	982020.304	9.11	4.61	24.80	7.39
6	13	61 29.47	5 21.57	32V	306207	6823072	92.10	982018.907	10.43	3.92	28.41	7.58
6	14	61 29.48	5 21.56	32V	306204	6823096	97.00	982018.208	10.99	4.05	29.92	7.97
6	15	61 29.50	5 21.56	32V	306200	6823122	107.90	982016.353	12.22	3.86	33.28	7.99
6	16	61 29.51	5 21.55	32V	306197	6823146	113.70	982015.625	12.88	3.87	35.07	8.40
6	17	61 29.52	5 21.55	32V	306196	6823171	113.50	982016.098	12.86	3.49	35.01	8.46
6	18	61 29.54	5 21.54	32V	306193	6823196	116.80	982015.886	13.23	3.39	36.02	8.79
6	19	61 29.55	5 21.54	32V	306189	6823221	117.00	982015.932	13.25	3.31	36.08	8.74
6	20	61 29.56	5 21.53	32V	306187	6823245	112.70	982017.052	12.77	3.18	34.76	8.88
6	21	61 29.58	5 21.53	32V	306185	6823272	111.10	982017.424	12.59	3.26	34.26	9.02
6	22	61 29.59	5 21.53	32V	306183	6823295	111.00	982017.553	12.57	3.29	34.23	9.16
6	23	61 29.60	5 21.52	32V	306180	6823320	111.70	982017.413	12.65	3.36	34.45	9.17

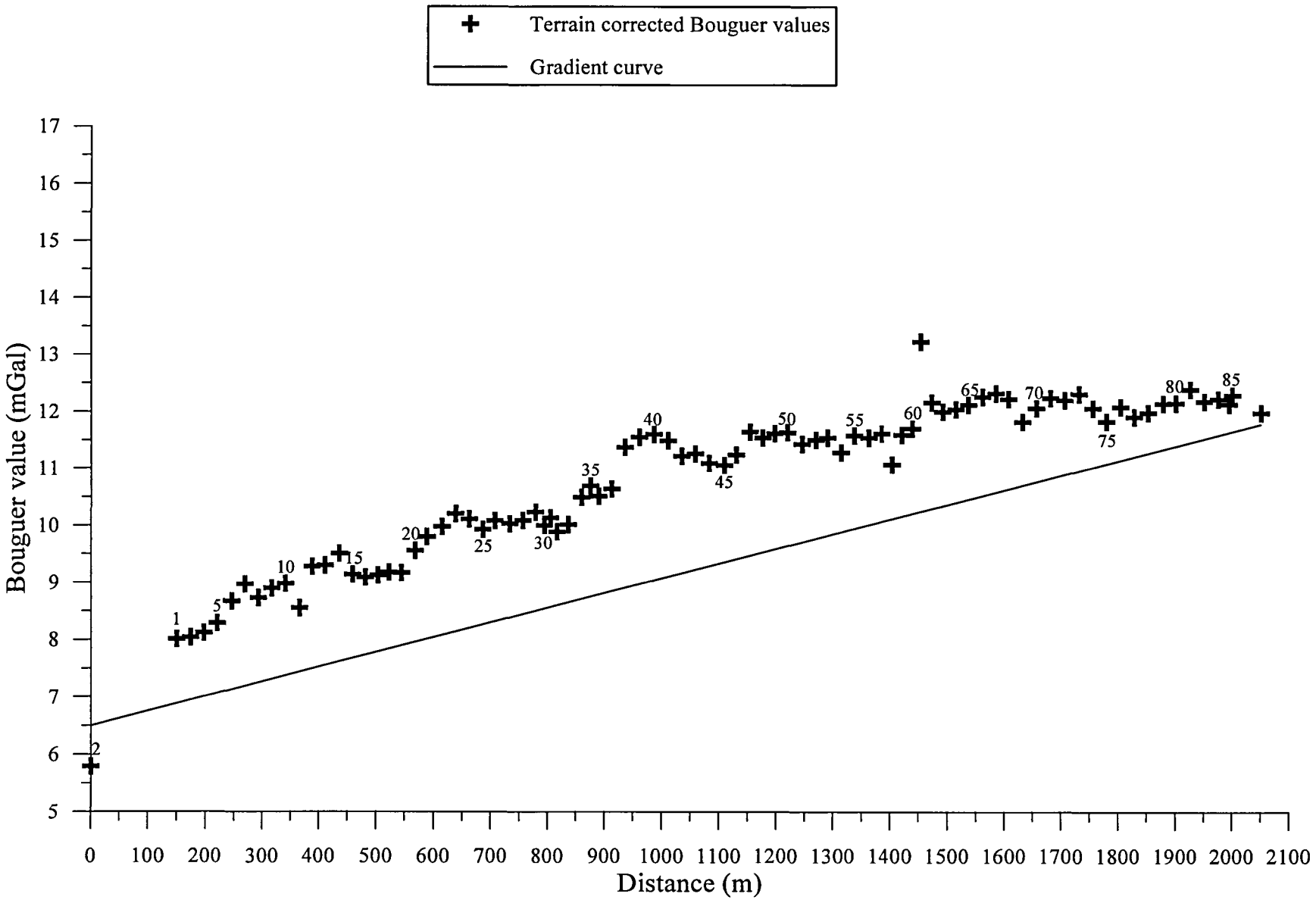
Location: Engebø r=50,100,200,400,800m Project no: 190005 Fieldwork carried out in 1997 Processing performed in June 1997

Station Profile	Point	Lati-tude	Longi-tude	UTM zone	UTM East	UTM North	Elevation (in m)	Absolute gravity	Bouguer corr.	Terrain corr.	Free air corr.	Bouguer anomaly
6	24	61 29.62	5 21.52	32V	306177	6823345	113.70	982017.139	12.88	3.51	35.07	9.43
6	25	61 29.63	5 21.51	32V	306174	6823370	120.70	982015.850	13.67	3.58	37.23	9.57
6	26	61 29.64	5 21.51	32V	306172	6823395	123.00	982015.504	13.93	3.70	37.93	9.80
6	27	61 29.65	5 21.50	32V	306169	6823419	120.90	982015.747	13.70	3.79	37.29	9.66
6	28	61 29.67	5 21.54	32V	306204	6823447	122.40	982015.556	13.87	3.85	37.75	9.83
6	29	61 29.68	5 21.53	32V	306200	6823473	118.80	982015.971	13.46	4.02	36.64	9.70
6	30	61 29.70	5 21.53	32V	306197	6823497	116.80	982015.932	13.23	4.95	36.02	10.14
6	31	61 29.71	5 21.53	32V	306195	6823523	117.40	982015.441	13.30	4.85	36.21	9.67
6	32	61 29.72	5 21.52	32V	306192	6823548	122.00	982014.383	13.82	5.13	37.63	9.79
6	33	61 29.74	5 21.52	32V	306190	6823573	131.90	982012.616	14.94	5.19	40.68	10.02
6	34	61 29.75	5 21.51	32V	306187	6823599	142.40	982010.752	16.13	5.15	43.92	10.09
6	35	61 29.76	5 21.51	32V	306184	6823623	154.00	982008.622	17.44	4.83	47.50	9.92
6	36	61 29.78	5 21.50	32V	306181	6823647	161.40	982007.179	18.28	4.62	49.78	9.70
6	37	61 29.79	5 21.50	32V	306178	6823672	172.30	982005.660	19.52	4.19	53.14	9.88
6	38	61 29.80	5 21.49	32V	306176	6823696	173.90	982005.184	19.70	4.15	53.63	9.62
6	39	61 29.82	5 21.49	32V	306172	6823722	170.50	982005.374	19.31	4.23	52.58	9.22
6	40	61 29.83	5 21.48	32V	306169	6823747	170.30	982005.141	19.29	4.35	52.52	9.07
6	41	61 29.84	5 21.48	32V	306166	6823771	174.90	982004.198	19.81	4.40	53.94	9.07
6	42	61 29.86	5 21.47	32V	306164	6823796	181.30	982002.813	20.53	4.67	55.91	9.14
6	43	61 29.87	5 21.47	32V	306161	6823822	191.70	982000.929	21.71	4.98	59.12	9.60
6	44	61 29.88	5 21.46	32V	306158	6823846	208.40	981997.715	23.60	5.07	64.27	9.74
6	45	61 29.90	5 21.46	32V	306155	6823872	233.00	981993.784	26.39	5.09	71.86	10.57
6	46	61 29.91	5 21.45	32V	306151	6823896	240.10	981992.879	27.19	4.82	74.05	10.78
6	47	61 29.92	5 21.45	32V	306150	6823921	248.90	981991.297	28.18	4.52	76.76	10.61
6	48	61 29.94	5 21.44	32V	306147	6823946	257.40	981989.659	29.15	4.62	79.38	10.73
6	49	61 29.95	5 21.44	32V	306144	6823971	264.30	981988.355	29.93	4.51	81.51	10.61
6	50	61 29.96	5 21.44	32V	306141	6823995	265.30	981987.993	30.04	4.37	81.82	10.30
6	51	61 29.98	5 21.43	32V	306138	6824020	265.40	981987.812	30.05	4.70	81.85	10.47

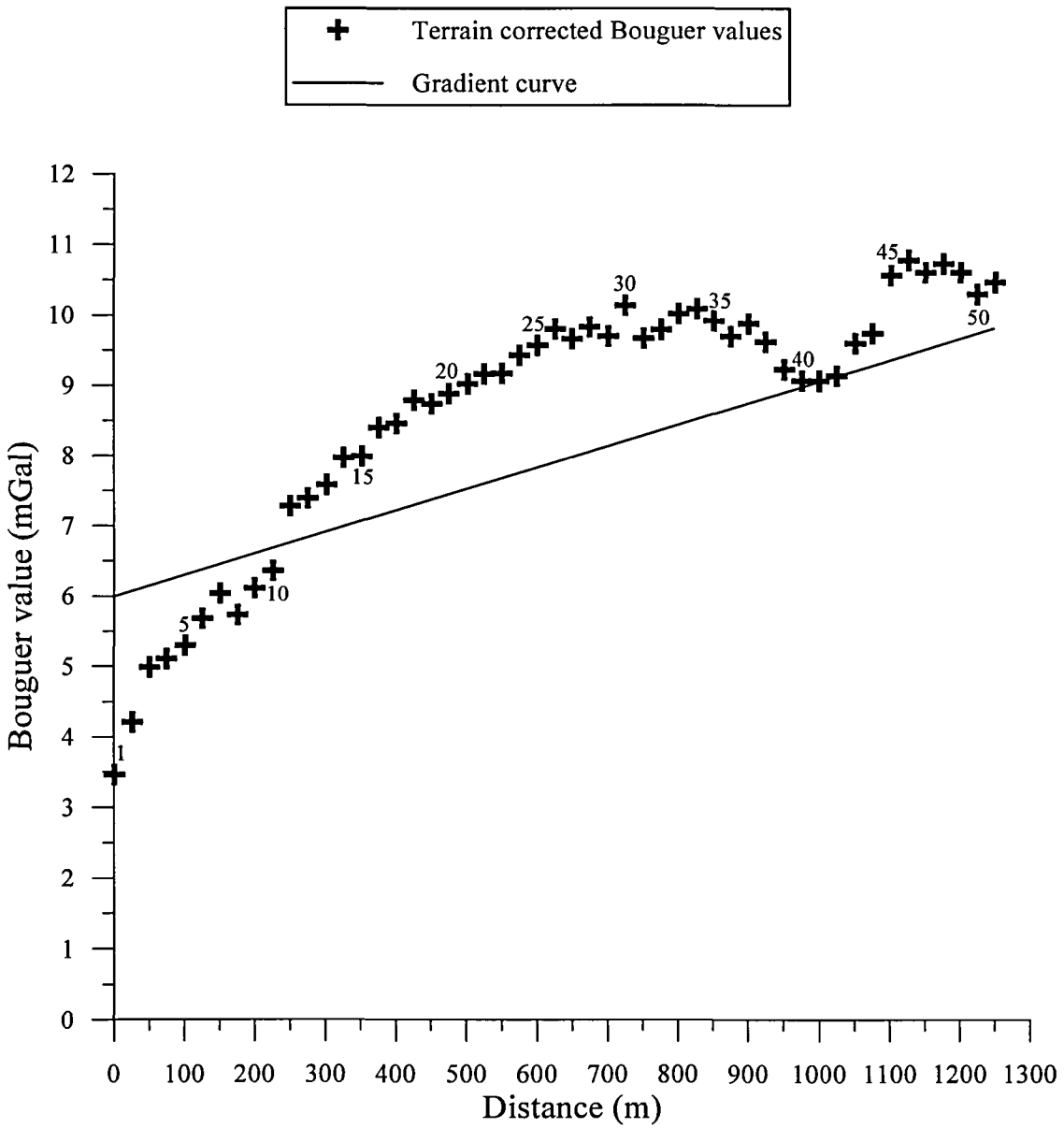
ENGEBØFJELLET, gravity profiles 0 & 4
Terrain corrected Bouguer anomaly values and regional gradient



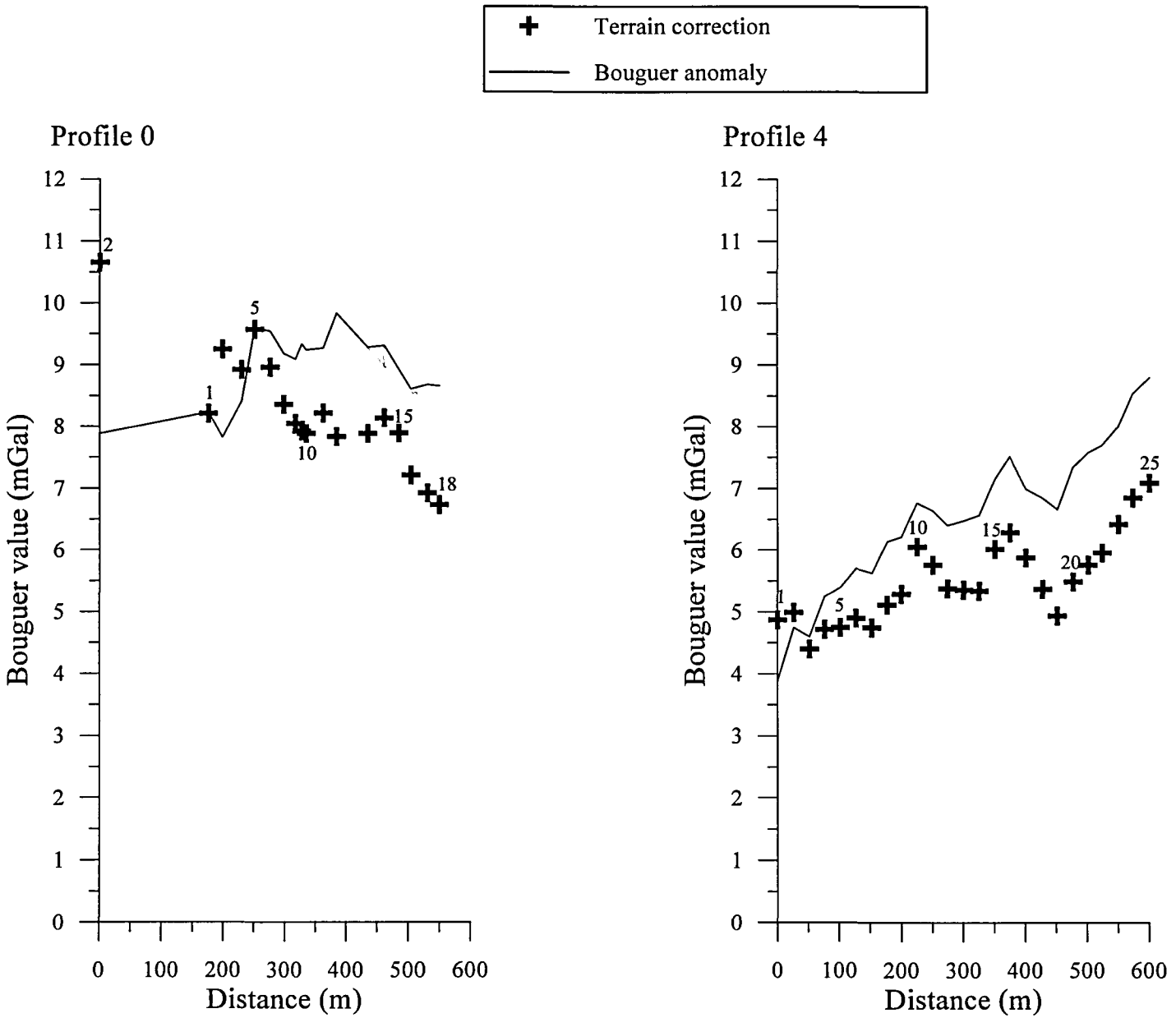
ENGEBØFJELLET, gravity profile 5
Terrain corrected Bouguer anomaly values and regional gradient



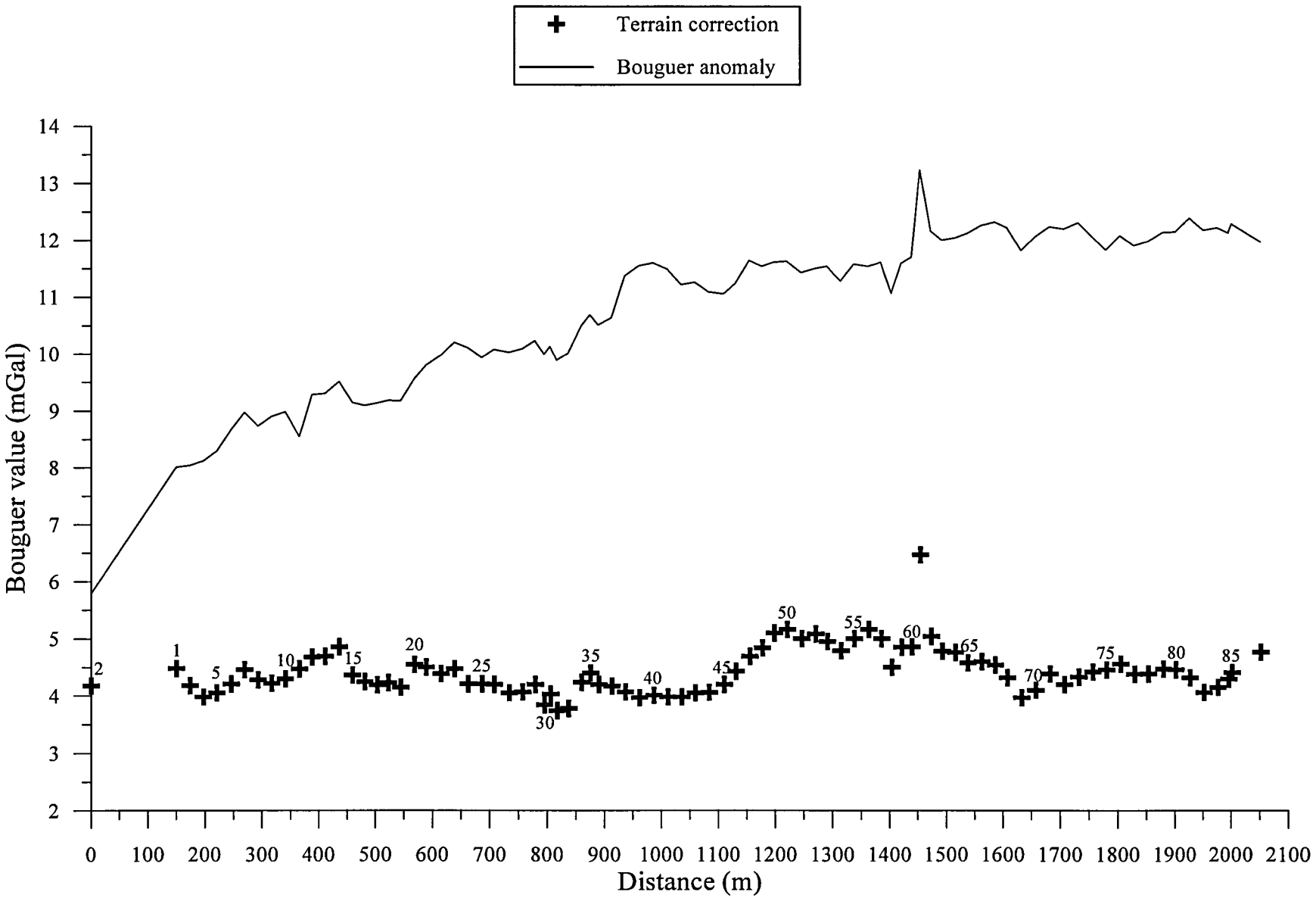
ENGEBØFJELLET, gravity profile 6
Terrain corrected Bouguer anomaly values and regional gradient



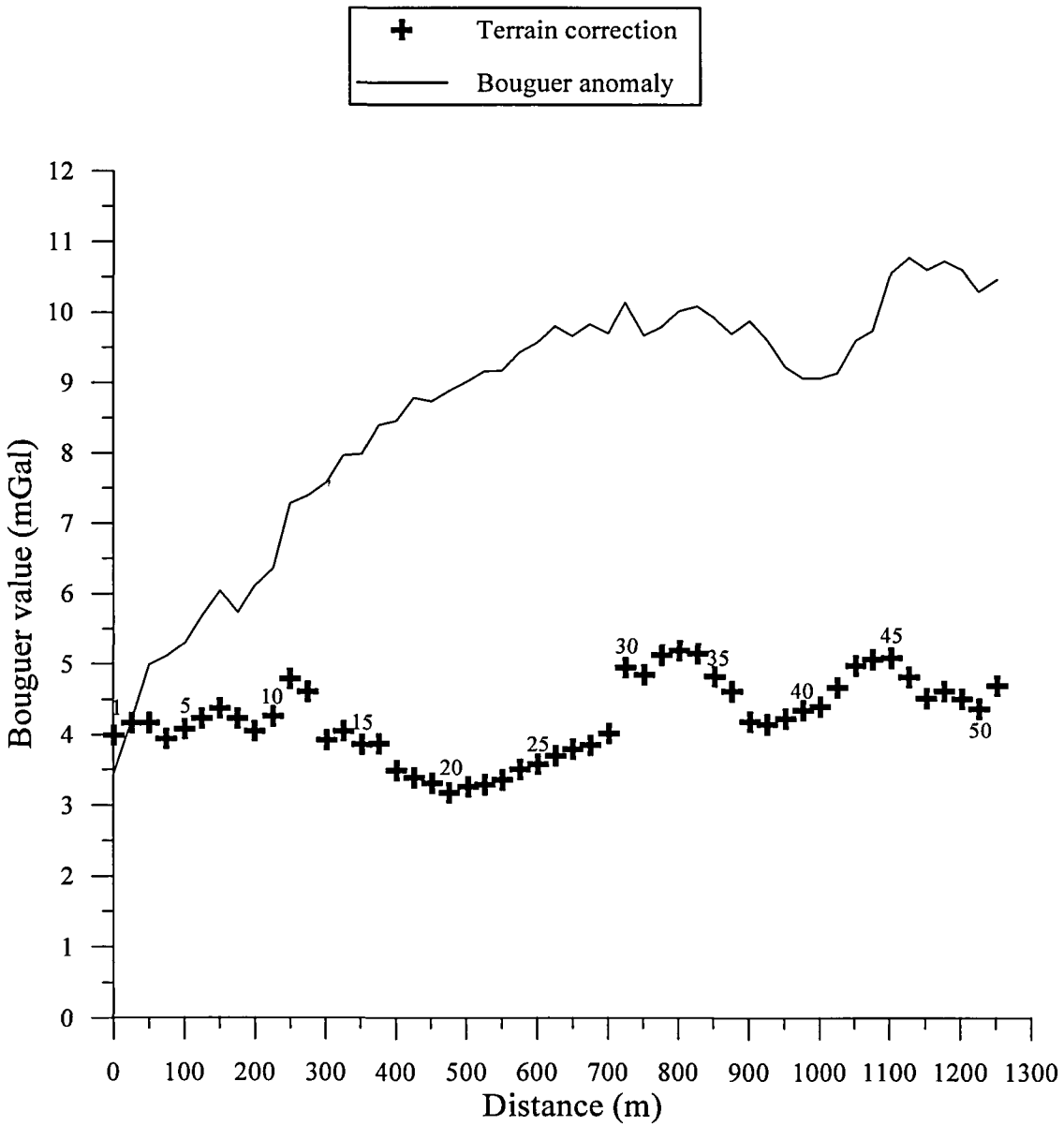
ENGEBØFJELLET, gravity profiles 0 & 4
Terrain correction and Bouguer anomaly values



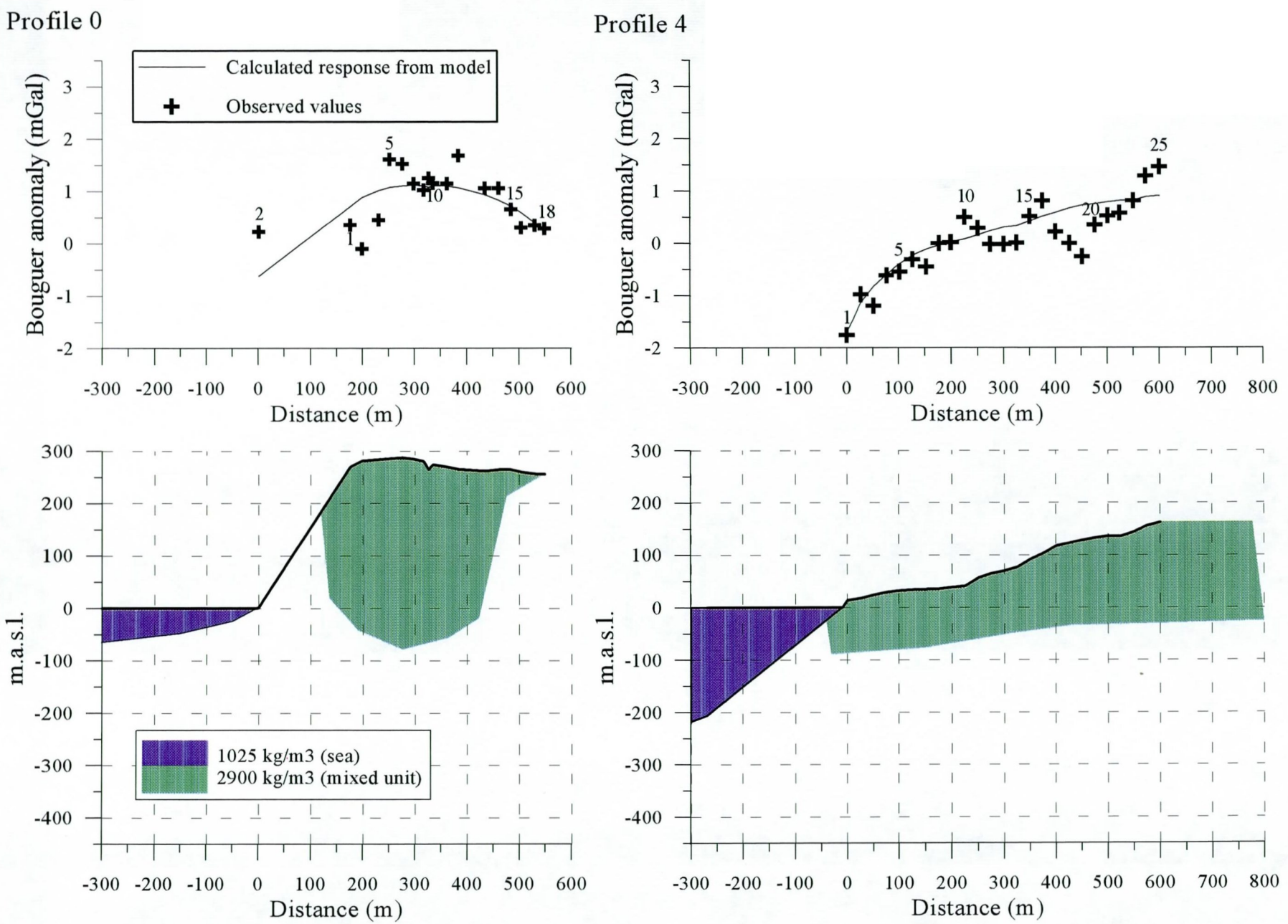
ENGEBØFJELLET, gravity profile 5
Terrain correction and Bouguer anomaly values



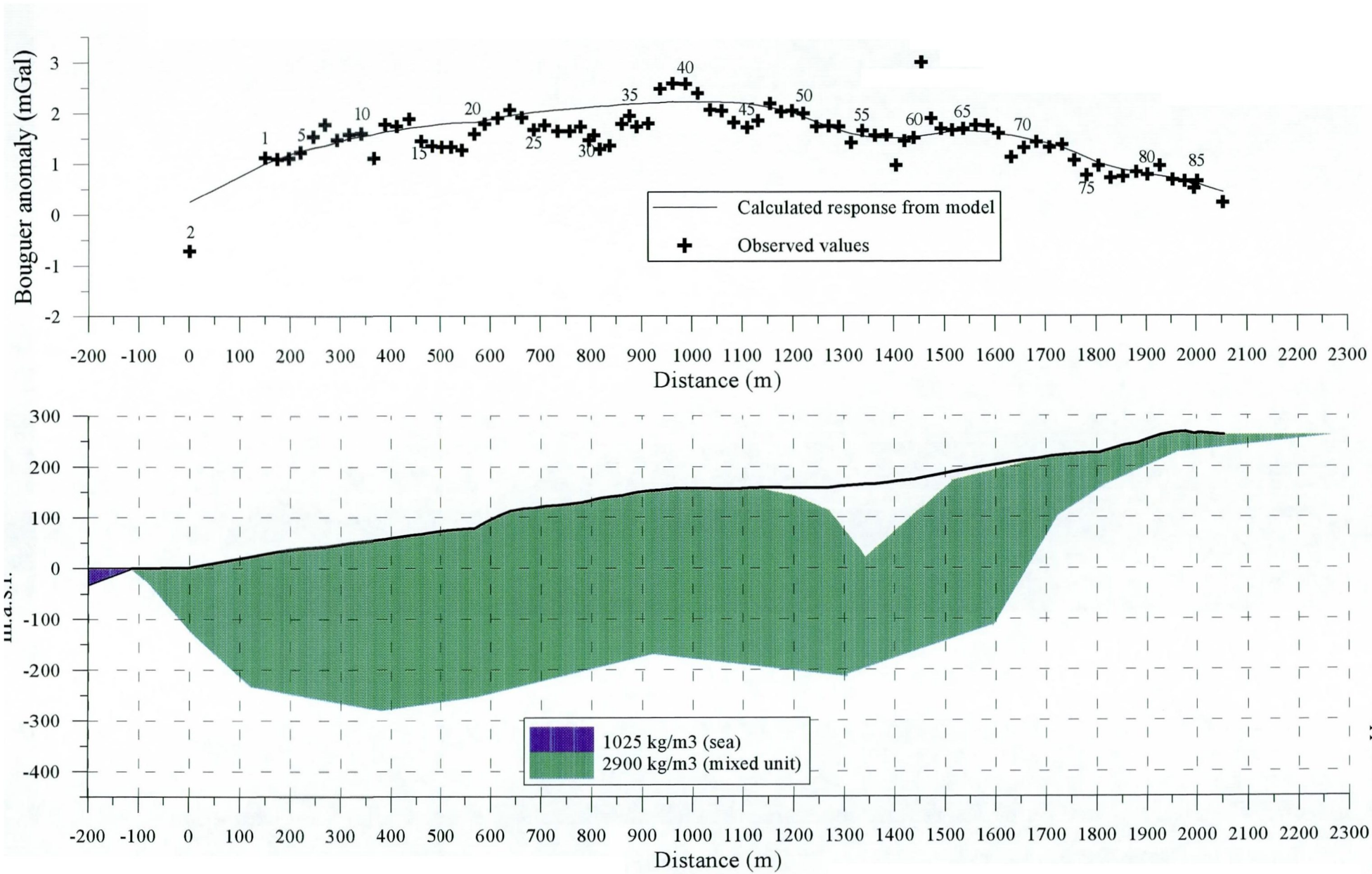
ENGEBØFJELLET, gravity profile 6
Terrain correction and Bouguer anomaly values



ENGEBØFJELLET, gravity profiles 0 & 4

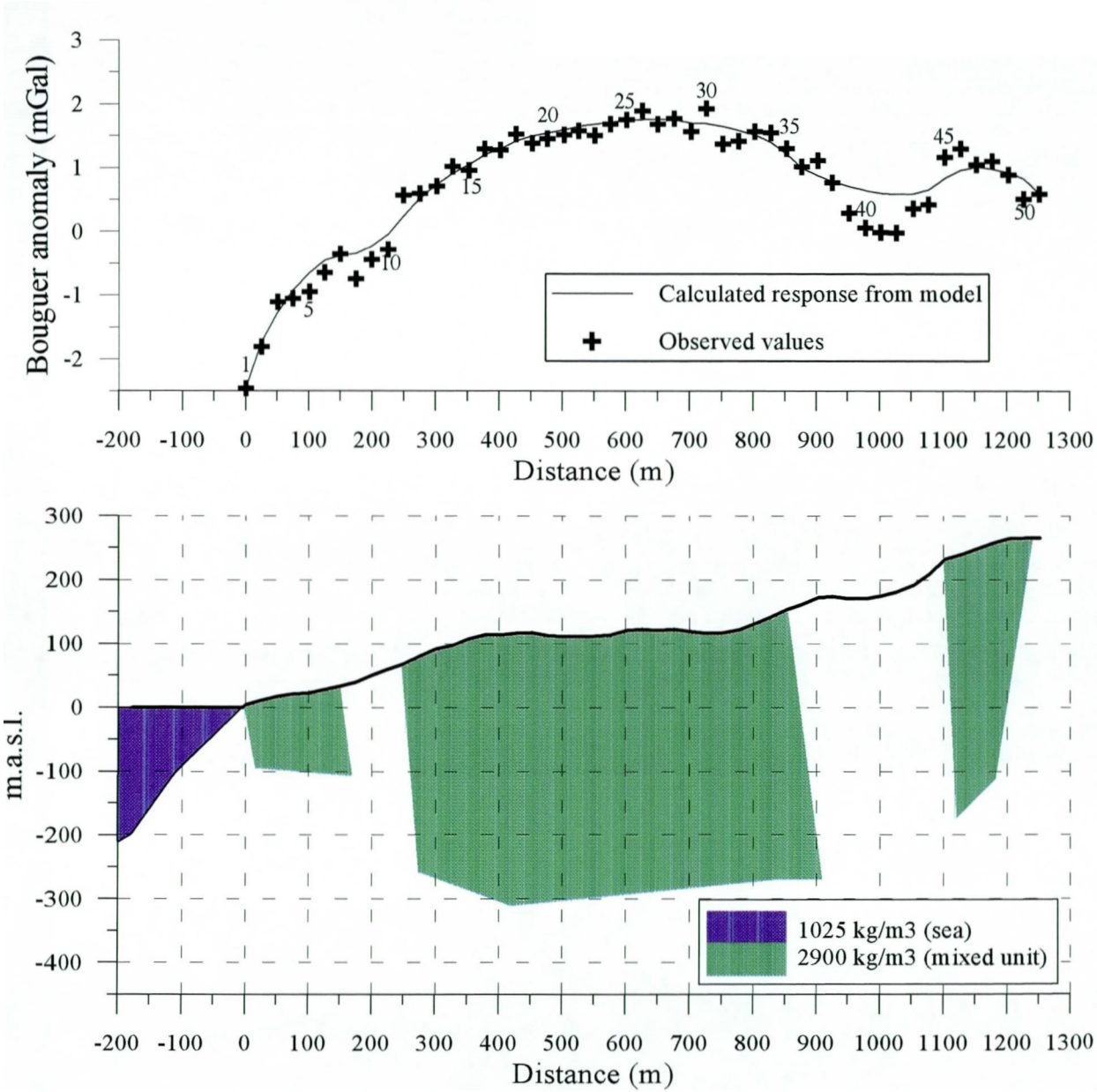


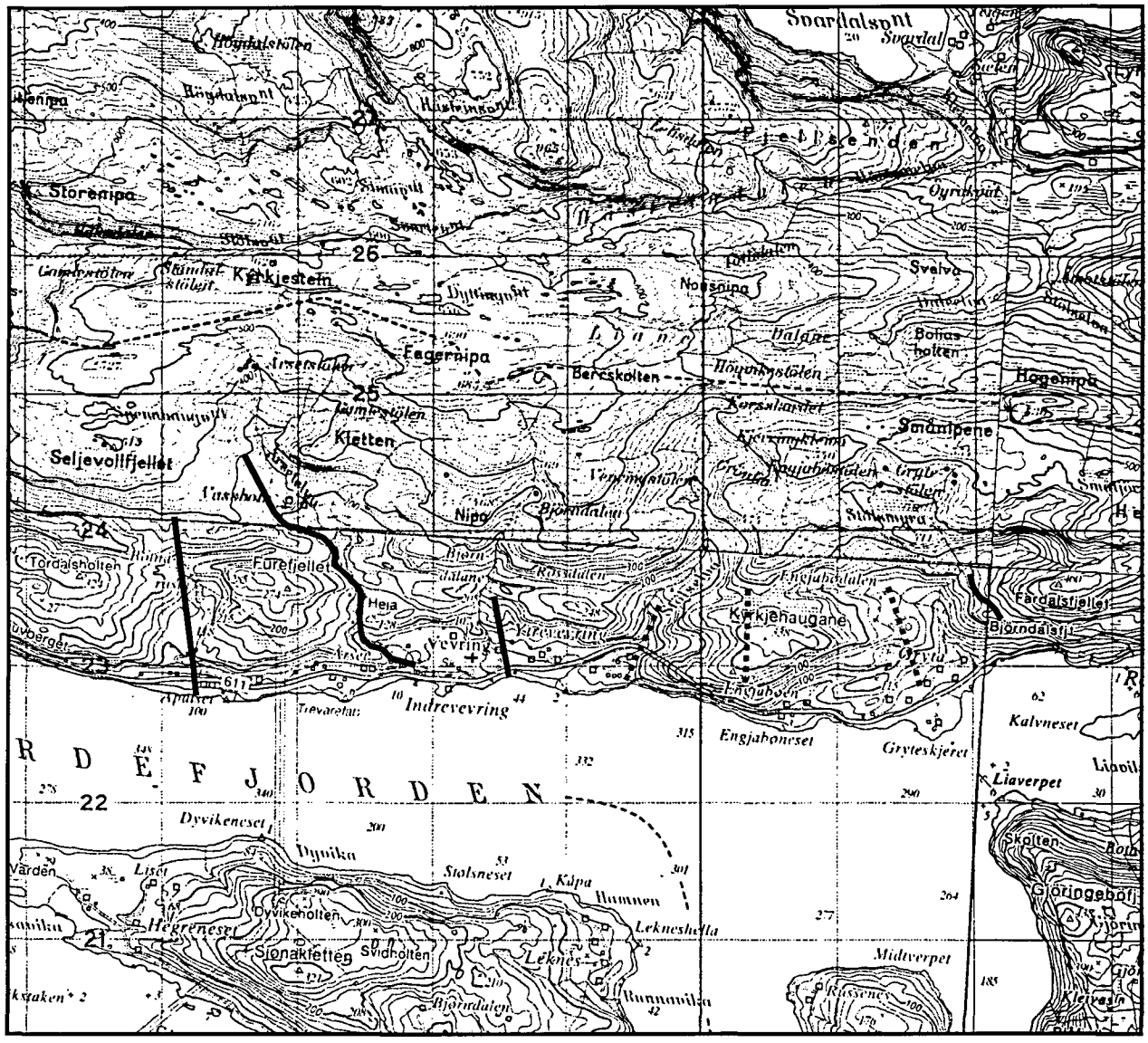
ENGEBØFJELLET, gravity profile 5



NGU Report 97.173
Appendix 6

ENGEBØFJELLET, gravity profile 6





NGU/DuPont

LOCATION MAP

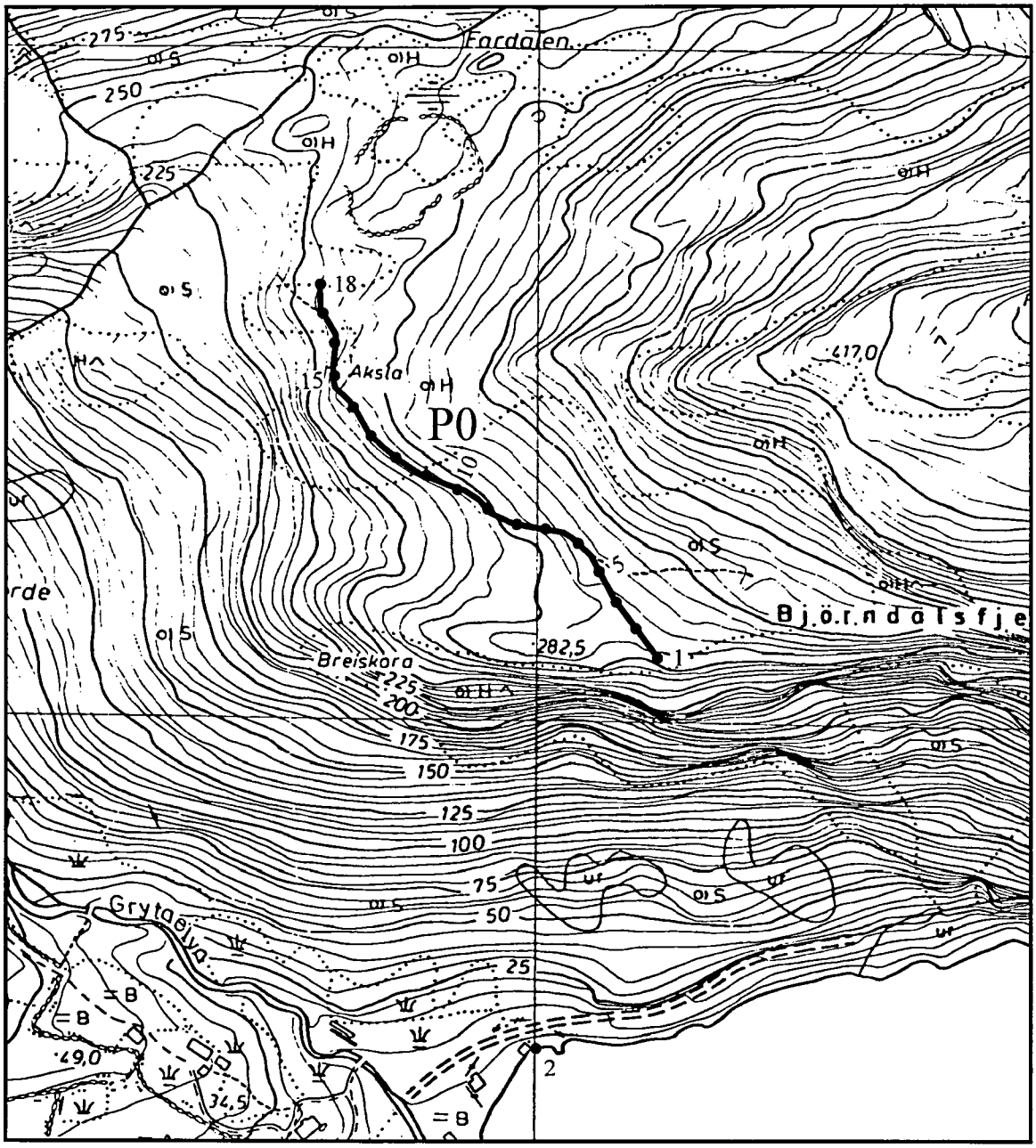
ENGEBØFJELLET

SOGN & FJORDANE, NORWAY

SCALE	OPER JG	MAY -97
	DRAW JG	NOV. -97
1:50 000	TRAC	

GEOLOGICAL SURVEY OF NORWAY
TRONDHEIM

MAP NO.	MAP 1:50 000
97.173-01	1117 I, 1118 II 1218 III, 1217 IV



P0

Gravity profile no.

• 20 Gravity station no.

NGU/DuPont

GRAVITY PROFILE AND STATIONS

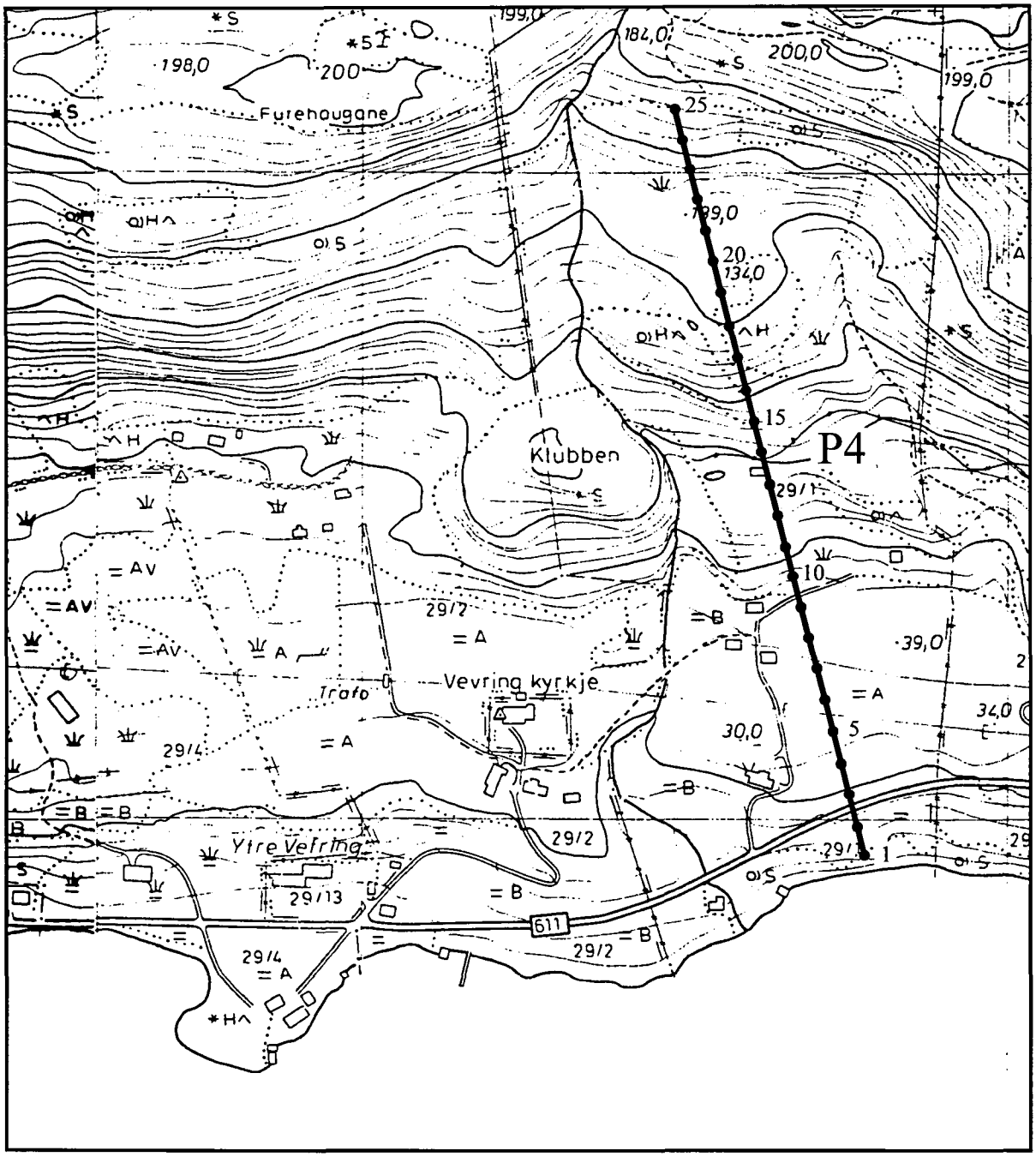
ENGEBØFJELLET

SOGN & FJORDANE, NORWAY

SCALE	OPER JG	May -97
	DRAW JG	Nov. -97
1:5000	TRAC	

GEOLOGICAL SURVEY OF NORWAY
TRONDHEIM

MAP NO.	MAP 1:50 000
97.173-02	1117 I

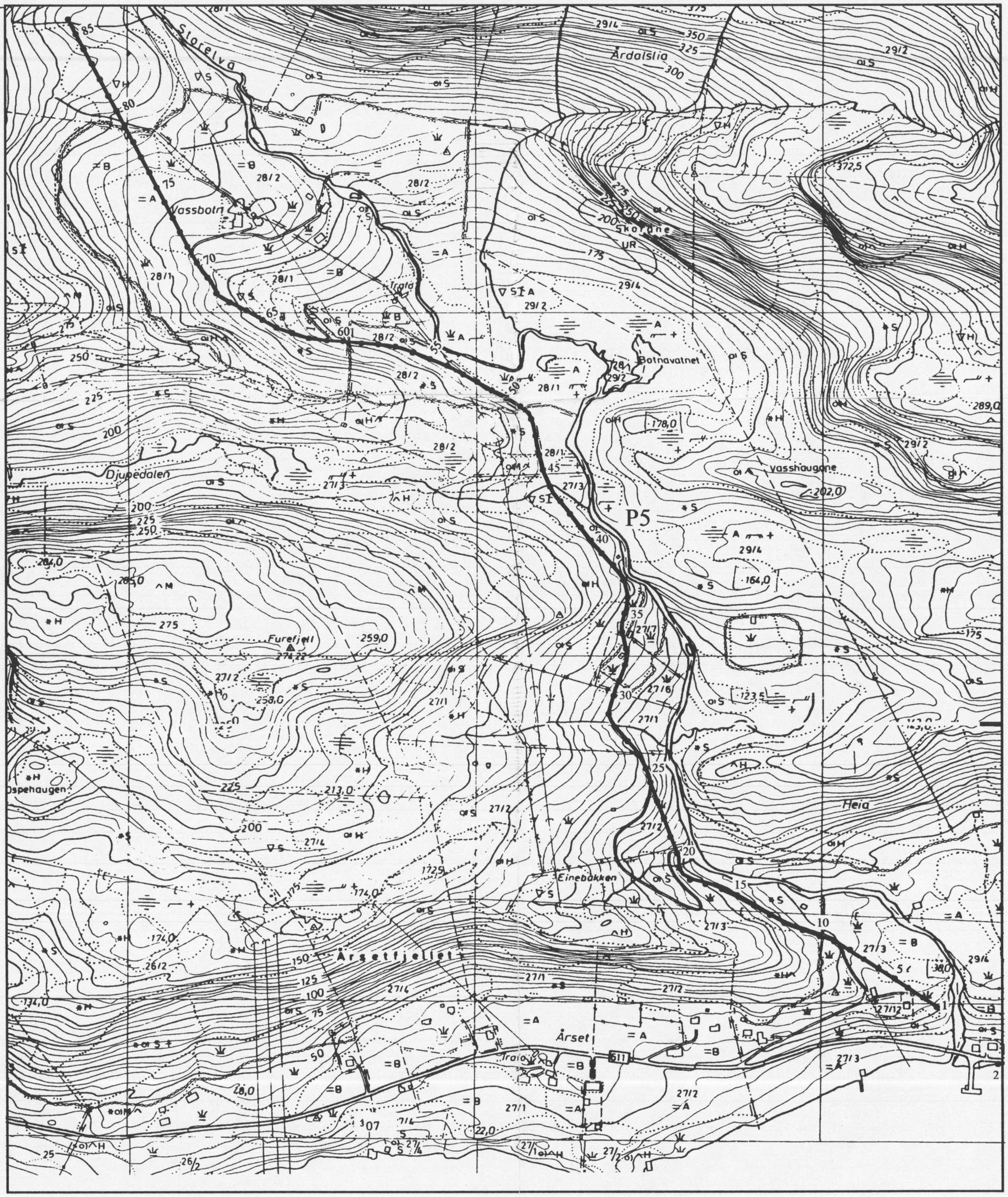


P4

Gravity profile no.

• 20 Gravity station no.

NGU/DuPont GRAVITY PROFILE AND STATIONS ENGEBØFJELLET SOGN & FJORDANE, NORWAY	SCALE 1:5000	OPER JG	MAY -97
		DRAW JG	NOV. -97
		TRAC	
GEOLOGICAL SURVEY OF NORWAY TRONDHEIM	MAP NO. 97.173-03		MAP 1:50 000 1117 I



P5 — Gravity profile no.

• 20 — Gravity station no.

NGU/DuPont GRAVITY PROFILE AND STATIONS **ENGEBØFJELLET** SOGN & FJORDANE, NORWAY	SCALE 1:5000	OPER JG	MAY -97
		DRAW JG	NOV. -97
		TRAC	
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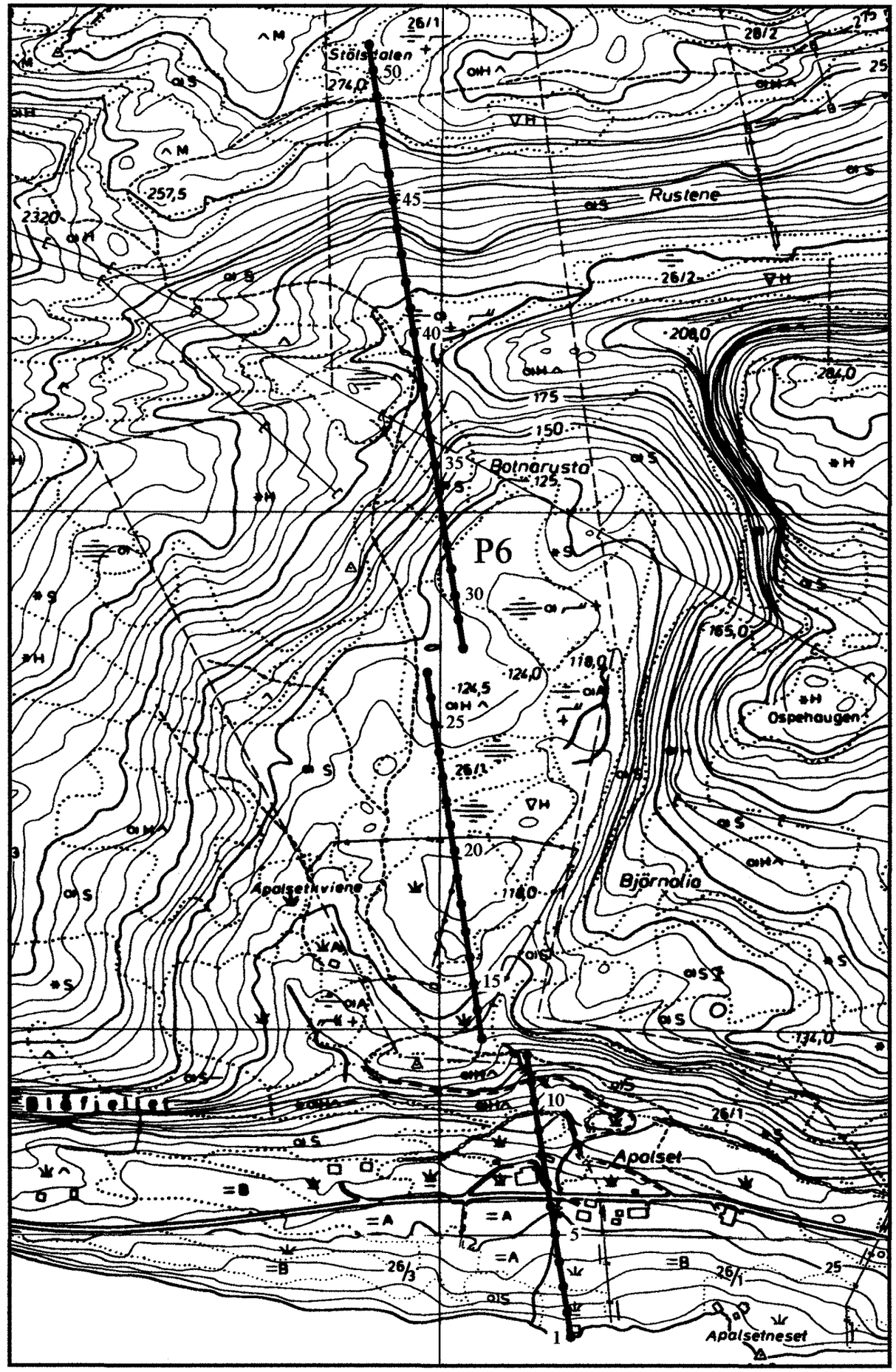

P6

Gravity profile no.

• 20 Gravity station no.

NGU/DuPont GRAVITY PROFILE AND STATIONS **ENGEBØFJELLET** SOGN & FJORDANE, NORWAY	SCALE 1:5000	OPER JG	MAY -97
		DRAW JG	NOV. -97
		TRAC	
GEOLOGICAL SURVEY OF NORWAY	MAP NO.		MAP 1:50 000