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北海道東部弟子屈地域の重力異常

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Gravity Anomaly over the Teshikaga Region, Eastern Hokkaido

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We have been measuring gravity data over the Kutcharo area, Eastern Hokkaido (Doto Region). The main purpose of our data collection can be divided into two. The first is the earthquake fault, which runs through the rim of lake Kutcharo. Teshikaga region had been the only region which experienced large ($M_{JMA} > 6$) inland earthquake, until the 2004 Rumoi-nanbu earthquake occurred. The second is the largest volcanic caldera in Japan, the Kutcharo caldera. In this paper, we made detailed Bouguer anomaly map over the Teshikaga region. The gravity

anomaly map was improved by newly obtained data and the lake water correction. Our gravity survey was performed during these 5 years, around the earthquake fault and at the northern side of the Lake Kutcharo. The lake water gravity correction was calculated for the Lake Masyu and the Lake Kutcharo. We also made Digital Depth Model for the Lake Masyu and the Lake Kutcharo.

I. は じ め に

北海道東部弟子屈地域は阿寒から知床に至る火山列上に位置し、明確なカルデラ湖である屈斜路湖・摩周湖が目を引く。この火山列は地形的見地からも、重力異常分布からも屈斜路湖付近で食い違い、知床半島と択捉島との間に見られるほど顕著ではないが雁行の様相を呈しているようにも見て取れる。また、この食い違い付近には 1938 年屈斜路地震 (M_{JMA} 6.0) 起こした北西－南東走向の地震断層の存在が知られている。本稿ではこれまで我々がこの地域で行ってきた重力測定について述べ、カルデラ湖の湖水補正を施したこの地域の詳細な重力異常分布について報告する。

II. 既存重力データ

市原ほか (2006) では調査地域において公開されている重力データを元に重力異常図を作成し、構造解析を行った。本研究では市原ほか (2006) のデータを踏襲しつつ、収集可能な重力データをコンパイルした。使用した公開重力データは旧地質調査所による重力データ (地質調査総合センター, 2004), 国土地理院による測定データ (国土地理院, 2002), 北海道大学による測定データ (Yokoyama, 1958; 森, 1965; 横山, 1970; 大川・横山, 1979; 山本・石川, 2004; 長谷川・ほか, 2006) である。このほか、市原ほか (2006) で石油資源開発株式会社及び日本地熱資源開発促進センターより提供された石油・鉱物資源探査を目的とした稠密な非公開データも使用した。本報告ではさらに新規に測定で得られたデータを加え、カルデラ湖水による重力補正を施した重力データセットを作成した。市原ほか (2006) 以降の我々の測定データについては本稿の末尾に掲載した (Table 1)。尚、重力データの座標値は日本測地系による。

III. 重力測定概要

重力測定は 2005 年, 2006 年と 2009 年に行われた。Fig.1 に既存重力測定点と新規測定点の分布をそれぞれ示す。2005 年及び 2006 年の測定では北海道大学理学部 3 号館内の一等重力点を基準点とし、2009 年の測定では理学部 3 号館の改修工事に伴って移設された南新川地震観測点の借基準点を使用した。測定に用いた重力計は Scintrex 社製の CG-3 型スプリング式相対重力

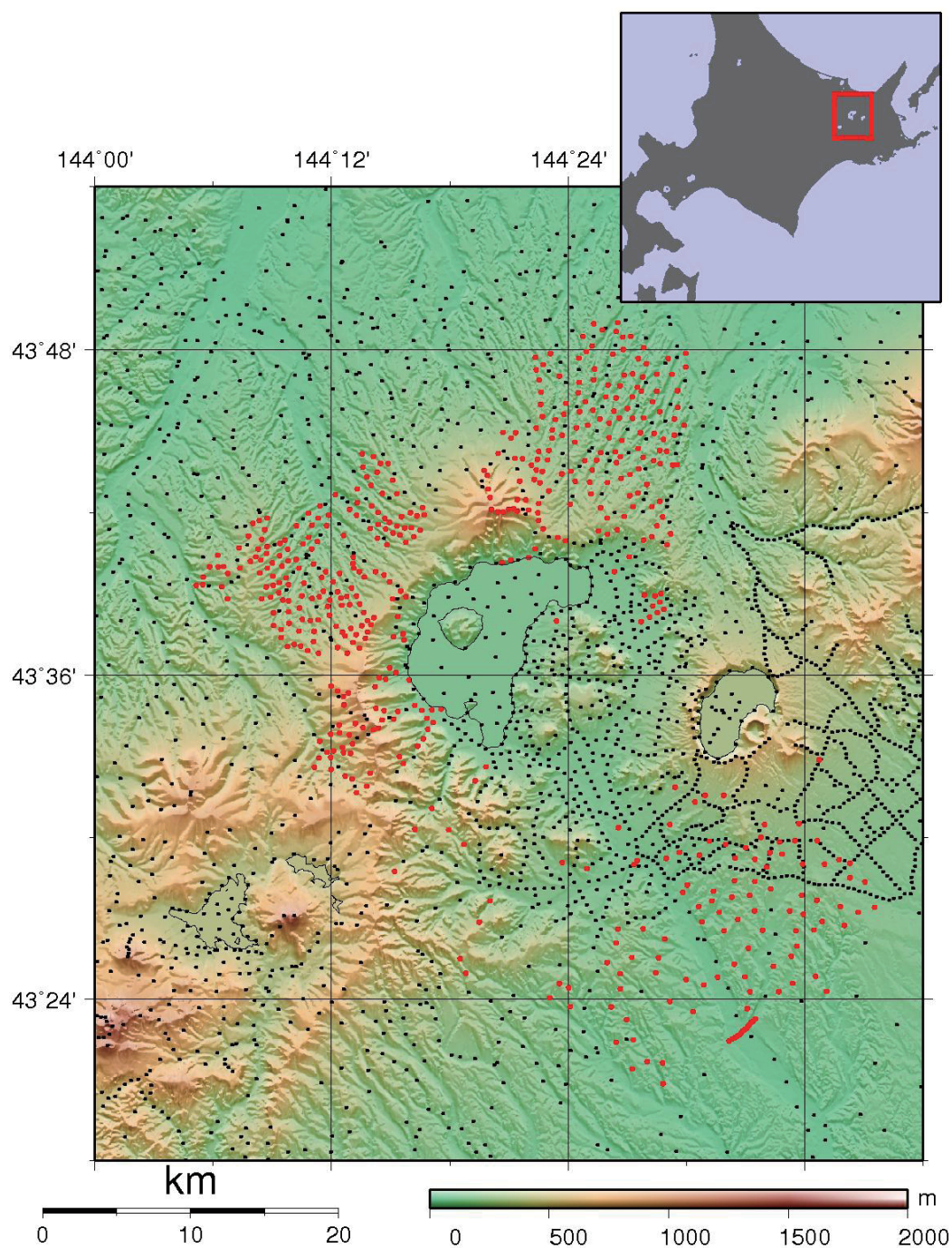


Fig.1. Compiled gravity stations in the research area with topography. Black and red solid circles indicate previously and newly obtained data, respectively.

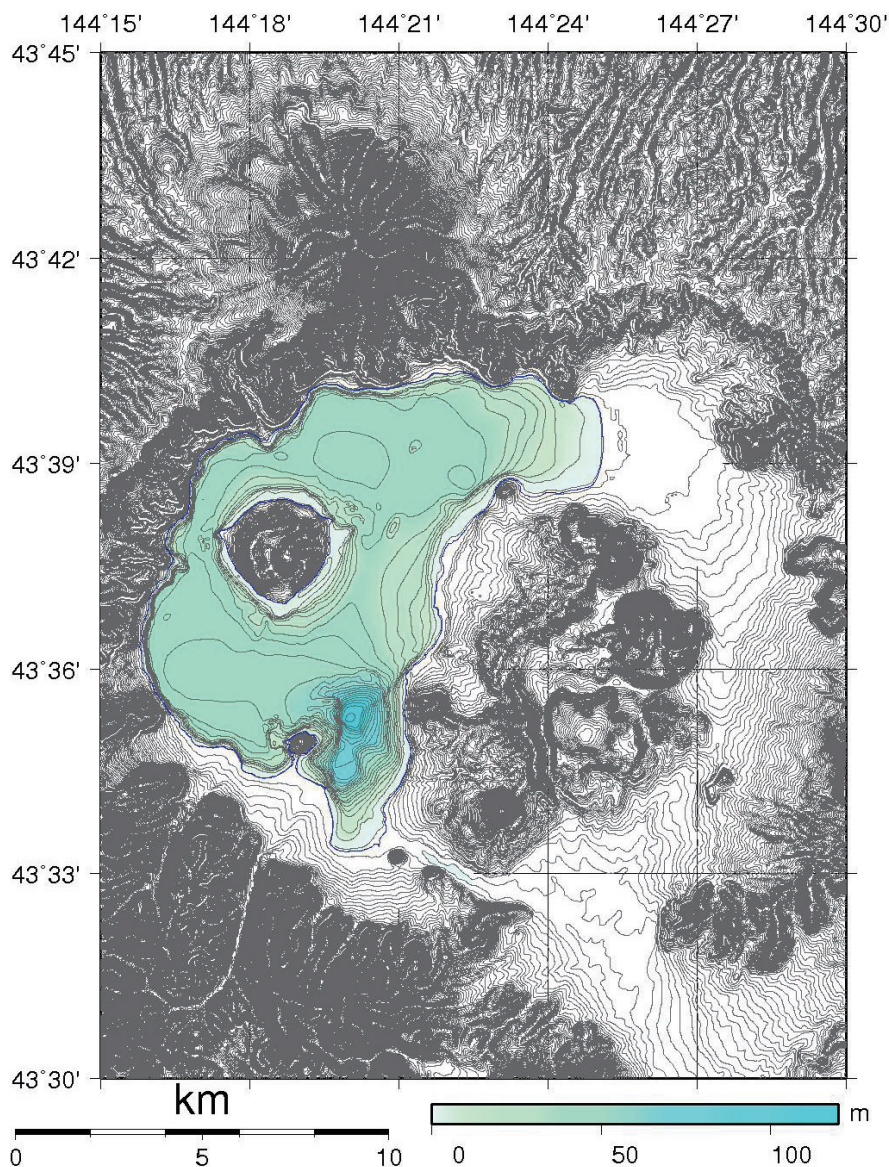


Fig. 2. Constructed DEM of the Lake Kutcharo. Contour interval is 5 m. Surrounding topography is drawn by DEM, which is used in Terrain Gravity Correction (Honda and Kono, 2005).

計, S315 である. 基準点, 独標点以外の測定点座標の決定には TOPCON 社製の 2 周波レーザバ (LEGACY-H GNSS RECEIVER) 2 台, 若しくは国土地理院の展開する電子基準点データを用いた GPS 相対測位によって行われた. GPS データの解析には Geodetic 社の Real Time Dynamics を用いた. 位置決定精度は水平方向で 10 cm 以内, 標高決定精度はジオイドモデルの精度を考慮に入れても概ね全ての測定点において 1 m 以内である. 数点において GPS による座標決定の

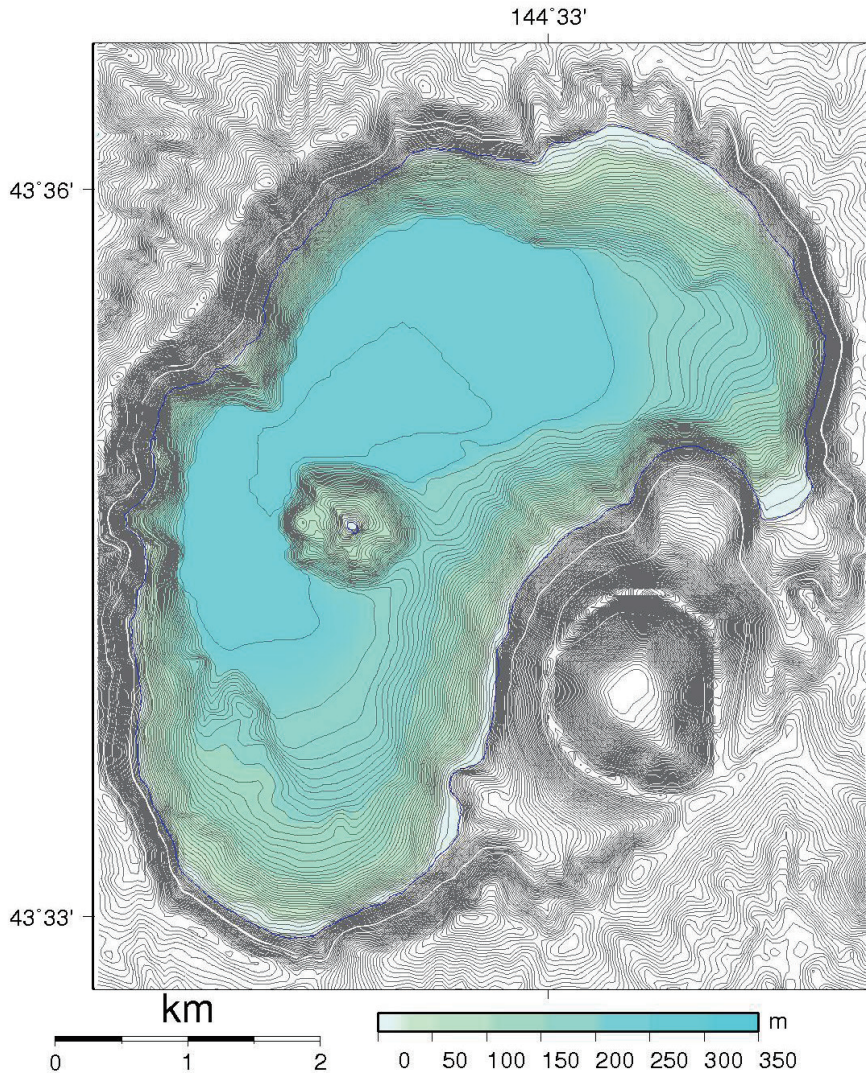


Fig. 3. Constructed DEM of the Lake Masyu. Contour interval is 5 m. Surrounding topography is drawn by DEM, which is used in Terrain Gravity Correction (Honda and Kono, 2005).

精度が基準以下であったため、それらの測定点の標高値は地形図のコンター、気圧高度及びGPS単独測位による高度の推移などから総合的に判断して決定された。観測で得た相対重力値は、地球潮汐補正とドリフト補正を施した後JGSN96に準ずる絶対重力値に変換された。ドリフトレートは一日あたり0.2 mGal以内であった。ブーゲー異常値算出の詳細は本多ほか（2007）に記した通りである。地形補正は本多・河野（2005）による。測定地域が比較的広範囲であるので、仮定密度は通常用いられる 2670 kg/m^3 を採用した。

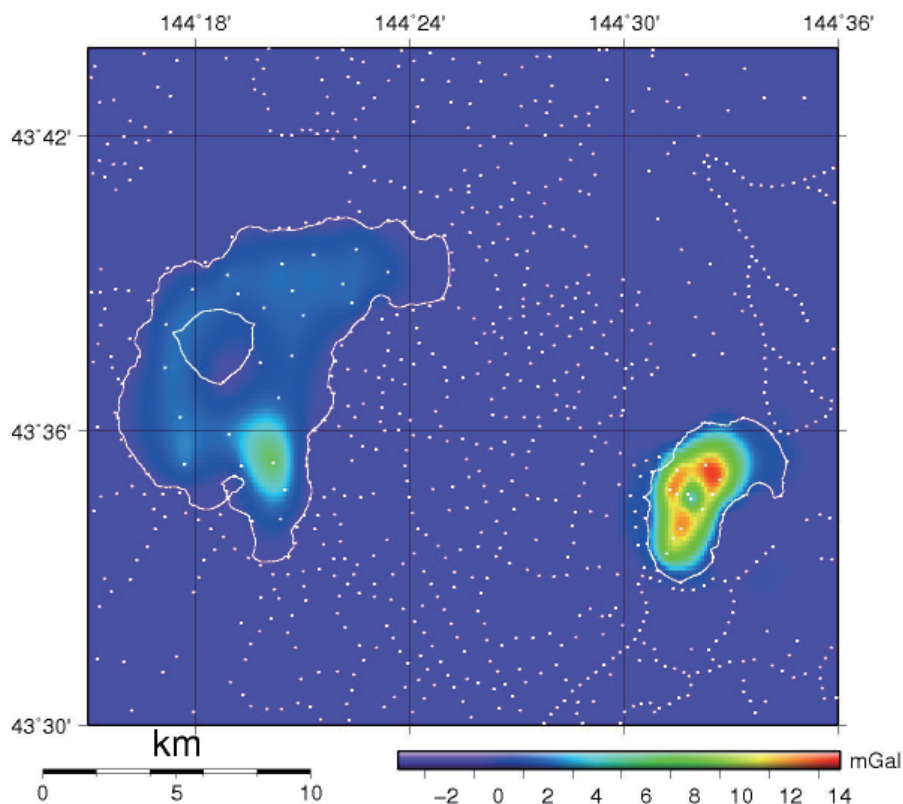


Fig. 4. Distribution of the Lake Water Correction value. Location of two lakes are indicated with white lines. White dots indicate gravity stations.

IV. 湖水深度データの作成と湖水補正

カルデラ湖は一般的な湖に比べて水深が深い場合が多く、研究領域についても特に摩周湖がそれに当たる。重力観測値に対する補正はその鉛直成分について行うことから、こうした深い湖の湖水領域は観測値に大きく影響を与えていることが容易に想像できる。また、屈斜路湖も湖上の測定データがあるため重力データの湖水補正は必須である。我々は湖水補正のプログラムを開発すると共に補正に使う湖水深度のデジタルモデル (DEM) を、屈斜路湖について作成し、摩周湖については茨城大学の長谷川博士より提供を受けた (Fig.2, Fig.3)。DEM の作成にはまず、国土地理院の電子地図上で湖水等深度線に沿ったトラックデータを作成した後、Generic Mapping Tools (Wessel and Smith, 1998) のパッケージツールを用いて補間・作成した。湖水補正プログラムは本多・河野 (2005) の地形補正プログラムに若干の修正を加えたものを用いた。Fig.4 に屈斜路湖・摩周湖の湖水による重力効果 (補正值) を示す。屈斜路湖に比べて水深の深い摩周湖上での湖水による補正值は最大で 14 mGal と、屈斜路湖の値と比べて大きい。本報告では仮定密度を 2670 kg/m^3 で湖水補正を行ったが、今後周囲の岩石密度に応じて湖水補正值を

検討することが望ましい。

V. ま と め

Fig.5 に新たに得られたブーゲー異常図を示す。湖水補正を施し一時傾向面を取り去っており、この地域の上部地殻の密度構造を反映した重力異常図であるといえる。湖水補正を施した重力異常では摩周湖の重力的な窪みは目立たないものになってしまう一方、屈斜路カルデラに現れる同心円状の低重力異常は湖水補正の後も支配的である。屈斜路カルデラに対応する重力異常の落ち込みは、周囲の外輪山の密度が大きいこともあり非常に顕著である。Fig.6 に同じ範囲の地質

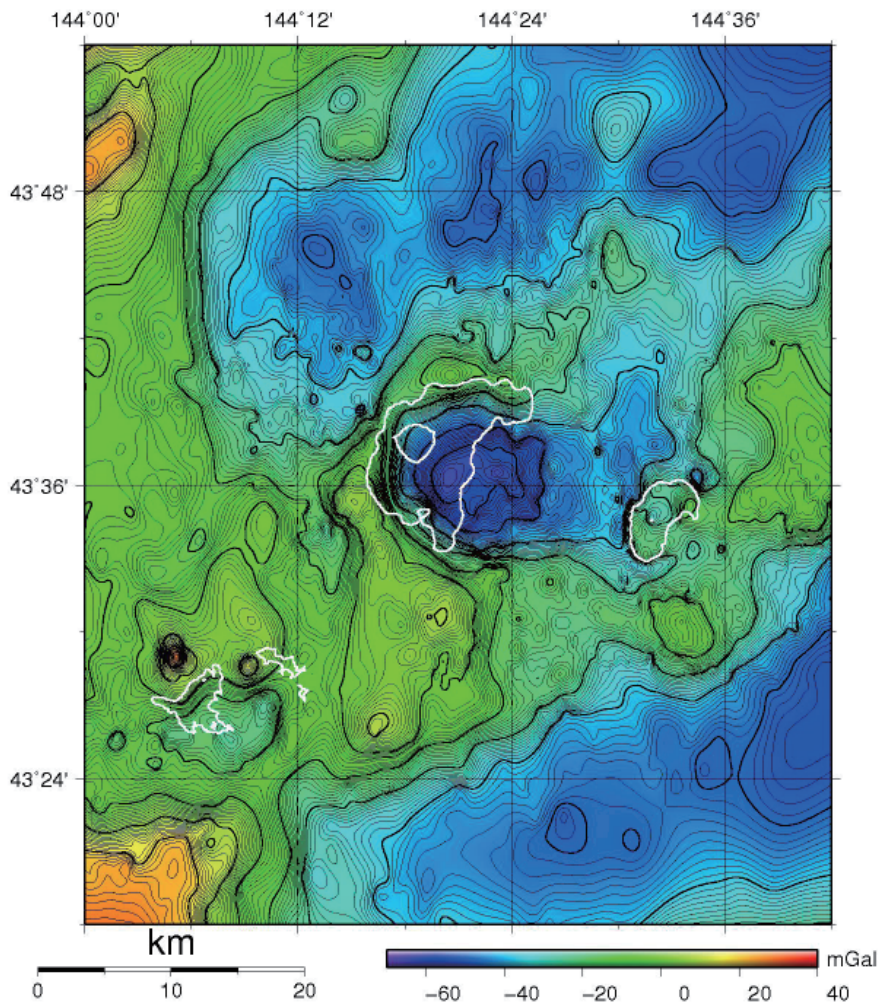


Fig. 5. Gravity anomaly map after the Lake Water Correction. Contour interval is 1 mGal. Thick contour is used every 10 mGals. White lines indicate lakes.

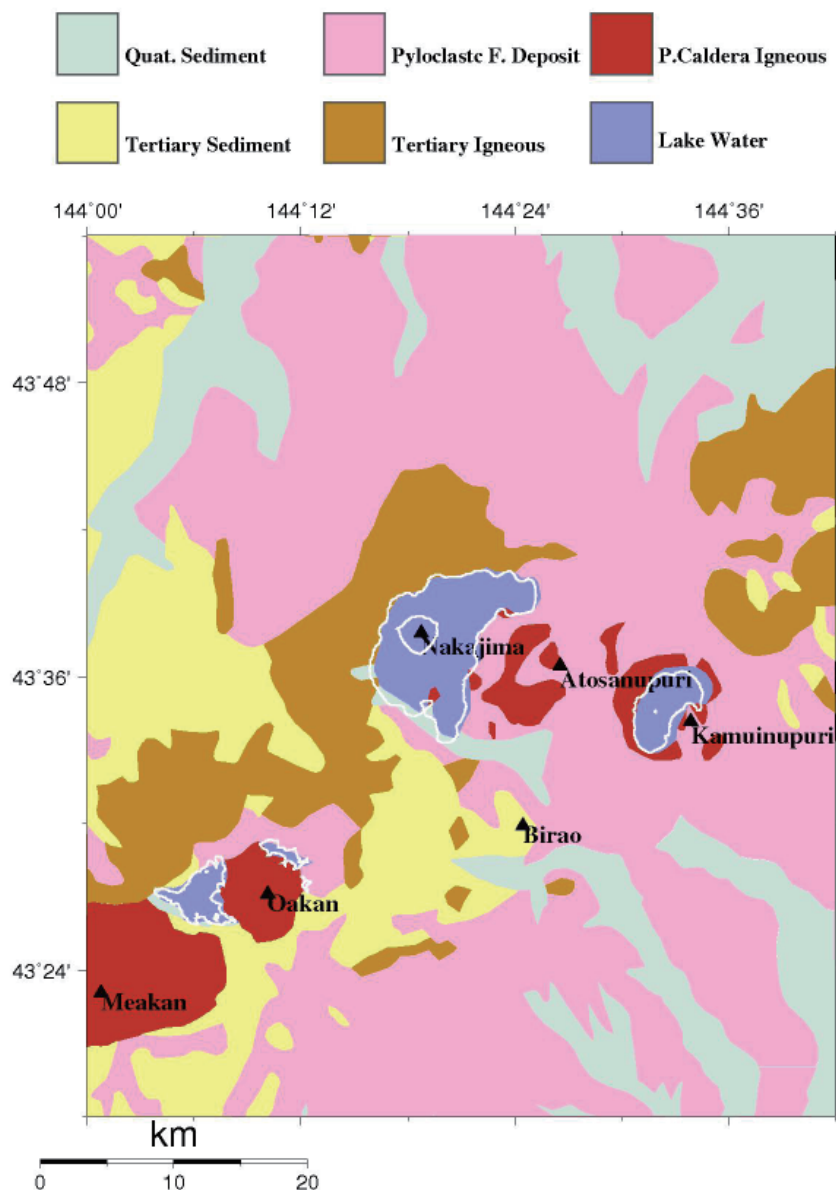


Fig. 6. Geologic map over the research area. Quaternary volcanoes are indicated by black triangles.

図を示す．一般的に北海道東部地域は屈斜路カルデラ起源の火砕流堆積物に広く覆われ，表層付近の構造が未解明である．しかしながら，屈斜路カルデラ周辺部においては外輪山及び外輪山形成期の堆積物と高重力異常が非常によく対応している．摩周湖から美羅尾山にかけての地域は火砕流堆積物に覆われているものの重力異常は高い値を示し，外輪山と同時期の岩石がその下に存在することがうかがえる．北部に見られる3つの低異常地域は，それぞれ美幌町，小清水町，清

里町付近に位置するものである。新エネルギー総合開発機構（1985）や森（1965）によれば、夕映川層群・幾品層・シケレベツ層など中新世以降の堆積物の密度は $1600 \sim 1800 \text{ kg/m}^3$ と非常に小さく、これらの低異常は堆積層の密度が小さいことで説明できるであろう。南部の低異常は根釧原野の向斜構造と対応する。今後は同時に行われたMT観測の結果とあわせてこの地域の構造解析を行っていく。

謝辞 本研究では日本地熱資源開発促進センター及び石油資源開発株式会社より重力データの提供を受けた。また、重力データの入手にあたり、産業総合技術研究所の駒澤正夫博士に便宜を図っていただいた。茨城大学の長谷川健博士には摩周湖の水深データの提供を受けた。GPS解析に際し防災科学技術研究所の河野裕希博士にご助力いただいた。GPSデータの解析には国土地理院が公開している電子基準点のRINEXデータ及びIGS（国際GPSサービス）が公開しているGPS精密歴を使用した。地質図の作成に当たっては20万分の1シームレス地質図（業総合研究所地質調査総合センター，2003）を使用した。本研究は経済産業省原子力安全・保安院からの受託研究の一環として行われている。図の作成にはGeneric Mapping Tools 4.0（Wessel and Smith, 1998）を用いた。記して感謝いたします。

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Table 1. Observed gravity data. Assumed density is 2670 kg/m^3 . Gravity values are referred to JGSN96. B.A.: Bouguer Anomaly. T.C.: Terrain Correction.

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK05B-0001	43.48074	144.41573	169.00	980523.411	78.03	1.29
HK05B-0002	43.48552	144.45830	105.00	980541.758	82.33	0.66
HK05B-0003	43.53083	144.49031	262.00	980511.362	80.16	1.91
HK05B-0004	43.52193	144.50732	278.00	980510.945	82.72	1.03
HK05B-0005	43.50797	144.48601	190.00	980529.889	86.05	1.60
HK05B-0006	43.52581	144.51566	319.00	980502.758	82.16	0.79
HK05B-0007	43.52570	144.53166	339.00	980506.268	90.29	1.42
HK05B-0008	43.49754	144.51970	198.00	980530.677	88.42	0.61
HK05B-0009	43.49568	144.53329	199.00	980533.246	92.00	1.06
HK05B-0010	43.48892	144.51089	165.00	980529.274	81.33	0.64
HK05B-0011	43.49056	144.49374	140.00	980532.139	78.97	0.54
HK05B-0012	43.48695	144.48300	122.00	980535.242	78.89	0.58
HK05B-0013	43.46597	144.49696	104.00	980532.985	74.89	0.50
HK05B-0014	43.50592	144.44255	126.44	980535.453	78.49	0.69
HK05B-0015	43.47253	144.65097	168.00	980523.619	77.26	0.47
HK05B-0016	43.47497	144.63838	178.00	980523.871	79.29	0.49
HK05B-0017	43.48399	144.63846	189.00	980524.790	81.60	0.52
HK05B-0018	43.48622	144.62915	198.00	980525.869	84.35	0.61
HK05B-0019	43.49791	144.61055	227.00	980528.879	91.86	0.39
HK05B-0020	43.50832	144.59525	275.00	980524.072	96.10	0.83
HK05B-0021	43.48340	144.59831	214.00	980529.773	91.49	0.41
HK05B-0022	43.49801	144.59167	244.00	980531.135	97.73	0.62
HK05B-0023	43.49723	144.57875	250.00	980532.465	100.13	0.42
HK05B-0024	43.48959	144.58084	228.00	980536.361	100.66	0.73
HK05B-0025	43.45674	144.65918	163.00	980520.383	74.41	0.44
HK05B-0026	43.45386	144.64523	177.39	980516.830	73.71	0.19
HK05B-0027	43.44567	144.63367	168.33	980517.243	75.03	2.08
HK05B-0028	43.45729	144.62999	205.00	980512.294	75.42	1.15
HK05B-0029	43.46103	144.61021	165.64	980524.001	78.39	0.50
HK05B-0030	43.44813	144.61482	189.00	980513.518	77.10	3.70
HK05B-0031	43.46423	144.59761	185.00	980523.001	80.63	0.34
HK05B-0032	43.45451	144.58730	168.00	980522.492	77.82	0.49
HK05B-0033	43.43276	144.59344	179.21	980511.910	72.31	1.19
HK05B-0034	43.44233	144.59230	163.68	980518.136	74.42	1.22
HK05B-0035	43.44279	144.60785	123.00	980527.927	75.91	0.76
HK05B-0036	43.40479	144.61830	73.00	980533.466	74.99	0.60
HK05B-0037	43.41411	144.60909	94.00	980529.190	74.03	0.75

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK05B-0038	43.42648	144.58865	168.96	980512.565	71.65	1.42
HK05B-0039	43.40997	144.58972	119.00	980521.611	71.72	0.90
HK05B-0040	43.40461	144.57814	132.82	980516.816	70.38	1.08
HK05B-0041	43.39415	144.55135	77.39	980527.638	70.49	0.38
HK05B-0042	43.40455	144.55368	85.00	980526.562	70.56	0.90
HK05B-0043	43.41378	144.54922	93.47	980525.727	70.58	0.79
HK05B-0044	43.42151	144.54047	136.00	980516.588	68.94	0.76
HK05B-0045	43.43167	144.55232	150.23	980515.923	69.75	0.38
HK05B-0046	43.44248	144.56451	124.22	980526.734	74.76	0.61
HK05B-0047	43.42036	144.57352	121.95	980521.500	71.37	1.01
HK05B-0048	43.45254	144.59895	176.07	980518.937	75.96	0.42
HK05B-0049	43.48346	144.61664	204.00	980525.740	85.36	0.32
HK05B-0050	43.54346	144.33070	170.00	980532.550	83.80	2.06
HK05B-0051	43.53474	144.32130	230.53	980521.978	95.01	7.70
HK05B-0052	43.51791	144.28481	269.19	980510.793	89.30	4.24
HK05B-0053	43.54971	144.25745	447.76	980468.749	79.69	6.10
HK05B-0054	43.56068	144.27759	204.36	980521.383	93.57	12.49
HK05B-0055	43.57343	144.28070	153.00	980532.524	81.00	4.61
HK05B-0056	43.60145	144.25444	200.00	980527.038	82.48	4.15
HK05B-0057	43.59849	144.24025	390.00	980484.685	79.87	5.33
HK05B-0058	43.59284	144.23692	441.93	980473.990	83.03	7.82
HK05B-0059	43.63519	144.23573	546.00	980431.896	50.98	3.59
HK05B-0060	43.62662	144.23027	592.81	980426.585	58.36	5.43
HK05B-0061	43.61673	144.22360	604.21	980428.192	61.59	4.68
HK05B-0062	43.48173	144.56776	210.54	980535.605	97.09	0.61
HK05B-0063	43.49037	144.57048	236.27	980536.698	102.23	0.38
HK05B-0064	43.50798	144.56619	289.69	980525.673	100.71	0.81
HK05B-0065	43.49987	144.56306	267.34	980531.346	102.49	0.57
HK05B-0066	43.49376	144.54987	267.81	980525.921	99.46	2.19
HK05B-0067	43.48646	144.55783	256.06	980528.059	99.17	1.58
HK05B-0068	43.48709	144.54121	184.86	980536.976	93.43	0.87
HK05B-0069	43.46832	144.57120	198.24	980525.052	85.29	0.61
HK05B-0070	43.47285	144.55786	198.00	980528.866	89.17	1.08
HK05B-0071	43.45465	144.55760	148.56	980526.143	77.70	0.37
HK05B-0072	43.46423	144.55342	175.00	980526.735	82.68	0.43
HK05B-0073	43.47317	144.54060	170.00	980530.745	85.47	0.90
HK05B-0074	43.46311	144.53854	177.53	980521.102	77.81	0.63
HK05B-0075	43.44929	144.54341	163.04	980517.909	72.71	0.43

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK05B-0076	43.44232	144.53172	155.66	980515.631	70.10	0.88
HK05B-0077	43.45379	144.52792	124.00	980526.625	73.68	0.69
HK05B-0078	43.46667	144.52287	176.57	980518.946	75.59	0.97
HK05B-0079	43.46086	144.52151	165.99	980518.931	73.94	0.84
HK05B-0080	43.44778	144.51288	80.00	980533.217	72.96	1.17
HK05B-0081	43.45734	144.51016	130.26	980524.450	72.80	1.03
HK05B-0082	43.47047	144.50079	119.82	980530.259	74.98	0.63
HK05B-0083	43.44333	144.44231	180.93	980512.691	72.35	1.02
HK05B-0084	43.44350	144.46339	200.00	980506.669	70.11	1.02
HK05B-0085	43.43737	144.48158	164.00	980511.330	69.85	2.46
HK05B-0086	43.42575	144.45384	233.00	980492.779	65.65	2.36
HK05B-0087	43.41629	144.47388	164.44	980506.164	65.84	2.02
HK05B-0088	43.42559	144.47630	126.00	980519.001	69.49	0.95
HK05B-0089	43.41208	144.49963	127.31	980515.485	67.65	1.46
HK05B-0090	43.40899	144.51486	84.00	980525.671	69.00	0.80
HK05B-0091	43.39254	144.50546	84.00	980523.311	68.16	0.72
HK05B-0092	43.36068	144.47977	103.47	980512.950	66.22	2.66
HK05B-0093	43.34771	144.48022	75.00	980519.461	66.68	1.01
HK05B-0094	43.35703	144.45412	102.53	980511.340	62.62	0.48
HK05B-0095	43.36153	144.46678	104.00	980512.371	63.90	0.88
HK05B-0096	43.37490	144.45523	119.47	980508.756	61.73	0.46
HK05B-0097	43.37343	144.44055	127.00	980506.093	61.10	0.82
HK05B-0098	43.47897	144.25314	460.08	980467.607	85.52	4.97
HK05B-0099	43.50496	144.27023	403.87	980481.719	88.92	6.60
HK05B-0100	43.50452	144.29909	381.76	980489.893	86.38	2.51
HK05B-0101	43.49576	144.31180	324.71	980505.173	92.44	2.91
HK05B-0102	43.44766	144.32495	363.92	980489.157	86.29	2.08
HK05B-0103	43.46071	144.33421	239.74	980516.883	90.87	3.48
HK05B-0104	43.48454	144.39503	200.80	980519.839	80.94	1.36
HK05B-0105	43.42263	144.43292	222.00	980497.520	66.69	0.68
HK05B-0106	43.43494	144.44064	232.00	980496.928	67.31	0.89
HK05B-0107	43.41600	144.44403	214.00	980495.984	64.61	1.16
HK05B-0108	43.39878	144.48598	112.00	980515.958	66.29	1.31
HK05B-0109	43.40640	144.44429	195.00	980497.837	63.76	1.30
HK05B-0110	43.39520	144.43629	124.00	980511.602	65.16	1.74
HK05B-0111	43.38741	144.44955	120.30	980509.718	63.24	1.83
HK05B-0112	43.40717	144.40060	194.00	980499.906	66.04	1.67
HK05B-0113	43.40963	144.39268	257.00	980486.537	65.01	1.35

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK05B-0114	43.39533	144.40170	154.00	980504.878	64.21	1.70
HK05B-0115	43.40096	144.38446	193.00	980498.713	64.37	0.82
HK05B-0116	43.41603	144.31361	345.51	980481.247	76.20	1.19
HK05B-0117	43.42509	144.30867	359.51	980488.399	88.94	3.87
HK06XB1003	43.37418	144.53589	45.81	980533.604	72.48	0.71
HK06XB1004	43.37542	144.53885	48.80	980533.369	72.73	0.78
HK06XB1005	43.37617	144.54063	50.07	980533.296	72.83	0.79
HK06XB1006	43.37709	144.54288	52.12	980532.999	73.03	0.98
HK06XB1007	43.37792	144.54486	53.19	980532.825	72.91	0.90
HK06XB1008	43.37898	144.54639	55.00	980532.449	72.79	0.90
HK06XB1009	43.38038	144.54745	55.57	980532.315	72.52	0.78
HK06XB1010	43.38128	144.54900	56.96	980531.985	72.15	0.54
HK06XB1011	43.38187	144.55061	58.07	980531.974	72.15	0.39
HK06XB1012	43.38299	144.55182	58.45	980531.972	72.51	0.77
HK06XB1013	43.38423	144.55322	60.09	980531.766	72.41	0.66
HK06XB1014	43.38571	144.55492	61.69	980531.554	72.94	1.21
HK06XB1015	43.38622	144.55623	62.98	980531.311	72.81	1.10
HK06XB1016	43.38797	144.55814	65.01	980531.255	72.73	0.82
HK06XB1017	43.38037	144.54745	55.57	980532.315	72.52	0.78
HK06XB1018	43.37419	144.53587	45.81	980533.694	72.58	0.72
HK06XB1019	43.41352	144.52623	62.32	980532.275	70.93	0.70
HK06XB1021	43.54770	144.61214	332.70	980511.757	93.60	2.18
HK09BE0027	43.63325	144.39029	172.00	980498.747	39.79	1.16
HK09BE0028	43.67281	144.45189	169.70	980532.375	69.19	0.85
HK09BE0029	43.68942	144.44141	282.90	980512.715	71.07	1.54
HK09BE0030	43.68858	144.42575	315.10	980504.255	69.33	1.67
HK09BE0031	43.68674	144.43318	307.90	980508.310	72.86	2.17
HK09BE0032	43.68706	144.48676	277.20	980505.875	63.02	1.31
HK09BE0033	43.68025	144.48364	323.30	980495.220	61.70	1.16
HK09BE0036	43.68291	144.46385	255.50	980514.518	67.82	1.36
HK09BE0037	43.68533	144.47055	320.40	980498.179	63.72	1.11
HK09BE0038	43.69201	144.47513	276.20	980509.834	65.79	0.87
HK09BE0039	43.69735	144.47990	247.90	980516.503	66.16	0.63
HK09BE0040	43.72941	144.49208	160.10	980538.634	69.71	1.92
HK09BE0041	43.75367	144.49809	122.20	980552.376	73.18	1.25
HK09BE0042	43.79785	144.49924	77.50	980549.576	56.96	1.24
HK09BE0043	43.78944	144.49948	86.80	980549.890	60.07	1.41
HK09BE0044	43.74751	144.48973	195.90	980535.689	70.70	0.93

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK09BE0045	43.75737	144.48969	151.70	980545.780	71.64	1.37
HK09BE0046	43.76464	144.49251	127.40	980551.619	72.03	1.27
HK09BE0047	43.77482	144.49246	101.00	980553.251	67.61	1.28
HK09BE0048	43.72929	144.48854	210.10	980526.016	66.73	2.21
HK09BE0049	43.73757	144.48331	184.40	980533.543	67.69	1.42
HK09BE0050	43.74503	144.48045	148.00	980539.575	66.07	1.10
HK09BE0051	43.73817	144.47743	177.90	980535.917	69.22	1.76
HK09BE0052	43.73014	144.47786	209.60	980528.615	68.55	1.59
HK09BE0053	43.73192	144.47246	215.90	980525.038	65.74	1.37
HK09BE0054	43.74854	144.47269	181.80	980531.208	63.54	1.20
HK09BE0055	43.76202	144.47733	126.20	980544.899	66.15	2.05
HK09BE0056	43.74910	144.46098	178.60	980527.342	59.56	1.75
HK09BE0057	43.73383	144.46356	169.70	980534.322	66.64	1.65
HK09BE0058	43.71721	144.46658	205.10	980530.206	70.52	1.04
HK09BE0059	43.71214	144.45892	244.70	980521.380	69.21	0.74
HK09BE0060	43.71029	144.45206	282.20	980512.412	67.66	0.82
HK09BE0061	43.72695	144.45963	184.20	980531.397	66.95	1.29
HK09BE0062	43.72345	144.45259	210.60	980525.061	66.15	1.33
HK09BE0063	43.72106	144.44496	229.60	980520.452	66.04	1.95
HK09BE0064	43.73938	144.45915	156.50	980532.103	61.71	1.91
HK09BE0065	43.73437	144.44408	223.30	980514.828	56.37	0.93
HK09BE0066	43.73055	144.44072	224.50	980516.449	58.68	0.91
HK09BE0067	43.73737	144.43979	191.60	980520.958	56.98	1.50
HK09BE0068	43.74435	144.44571	174.30	980523.995	55.95	1.43
HK09BE0069	43.75785	144.45464	147.60	980529.676	54.99	1.42
HK09BE0070	43.77461	144.46198	115.00	980538.655	55.72	1.03
HK09BE0071	43.75809	144.46370	157.00	980529.748	55.85	0.67
HK09BE0072	43.76811	144.47131	130.30	980538.769	58.91	0.77
HK09BE0073	43.77468	144.47502	118.60	980542.133	59.43	0.86
HK09BE0074	43.78489	144.47508	96.40	980545.375	57.59	1.02
HK09BE0075	43.79471	144.48457	78.00	980547.790	55.15	0.69
HK09BE0076	43.78491	144.48775	85.60	980549.440	59.48	0.90
HK09BE0079	43.70687	144.47752	214.40	980525.569	68.15	0.70
HK09BE0080	43.70363	144.47087	236.30	980521.840	69.25	1.04
HK09BE0081	43.70367	144.45470	268.80	980517.515	70.97	0.92
HK09BE0082	43.69753	144.44746	311.30	980508.330	71.11	1.43
HK09BE0083	43.69674	144.43291	382.70	980489.477	67.95	2.21
HK09BE0084	43.70288	144.42744	320.40	980502.704	67.91	2.34

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK09BE0085	43.71861	144.43326	259.10	980514.526	65.64	1.84
HK09BE0086	43.71152	144.41942	361.30	980490.132	63.40	2.84
HK09BE0087	43.71863	144.41832	292.10	980503.230	60.80	1.86
HK09BE0088	43.72619	144.42032	250.00	980509.889	58.16	1.45
HK09BE0089	43.73215	144.42421	229.10	980513.240	57.95	2.59
HK09BE0090	43.73689	144.42761	216.10	980515.059	56.05	1.88
HK09BE0091	43.74608	144.43483	185.60	980519.650	53.30	1.19
HK09BE0092	43.75800	144.44321	159.40	980525.349	53.07	1.53
HK09BE0093	43.76392	144.45006	147.40	980528.963	53.61	1.45
HK09BE0094	43.77099	144.45401	143.80	980529.406	52.06	0.91
HK09BE0095	43.77705	144.45850	131.80	980532.404	52.19	1.01
HK09BE0096	43.78318	144.46297	115.70	980536.310	52.28	0.87
HK09BE0097	43.79141	144.46608	102.50	980538.863	52.37	1.75
HK09BE0098	43.80128	144.46376	124.00	980529.903	46.95	1.89
HK09BE0099	43.79456	144.45927	144.30	980526.816	48.57	1.90
HK09BE0100	43.78530	144.45461	122.90	980532.686	49.60	0.67
HK09BE0101	43.78455	144.44739	143.10	980527.427	49.95	2.31
HK09BE0102	43.77790	144.44391	142.80	980529.325	51.60	1.48
HK09BE0103	43.77031	144.44060	157.00	980526.455	52.40	1.61
HK09BE0104	43.76252	144.43872	178.90	980521.525	52.13	1.34
HK09BE0105	43.75506	144.43462	206.30	980514.536	50.74	0.86
HK09BE0106	43.80020	144.44655	150.30	980522.259	44.18	1.24
HK09BE0107	43.80784	144.44614	109.40	980530.850	42.88	0.55
HK09BE0108	43.80826	144.45268	96.90	980534.444	44.84	1.43
HK09BE0109	43.76289	144.42090	164.70	980517.495	46.09	1.96
HK09BE0110	43.75384	144.41666	192.10	980512.911	47.02	1.32
HK09BE0111	43.78827	144.42250	119.50	980526.088	42.69	1.08
HK09BE0112	43.78156	144.42175	126.20	980524.249	43.30	1.50
HK09BE0113	43.73800	144.38370	238.20	980503.455	50.10	2.78
HK09BE0114	43.73755	144.37512	249.80	980500.526	48.65	1.77
HK09BE0115	43.73255	144.37424	285.80	980496.170	51.39	1.34
HK09BE0116	43.72618	144.37291	329.30	980490.129	55.96	2.48
HK09BE0117	43.72029	144.37132	380.00	980480.743	56.85	1.77
HK09BE0118	43.71814	144.37608	358.40	980486.876	59.87	2.74
HK09BE0119	43.72521	144.37834	316.60	980494.595	57.48	2.15
HK09BE0120	43.73240	144.38252	278.60	980499.794	53.12	1.16
HK09BE0121	43.74585	144.38629	226.70	980506.504	48.62	1.64
HK09BE0122	43.75085	144.38673	214.00	980508.056	47.11	1.60

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK09BE0123	43.75726	144.38916	188.00	980512.278	45.94	1.79
HK09BE0126	43.68266	144.39772	391.80	980486.200	70.06	3.57
HK09BE0127	43.68472	144.39124	426.40	980477.452	67.69	3.08
HK09BE0128	43.68982	144.37888	496.60	980459.693	65.93	4.55
HK09BE0129	43.69515	144.37517	503.80	980459.025	63.97	3.32
HK09BE0130	43.69978	144.37456	494.20	980461.634	63.52	3.05
HK09BE0131	43.70570	144.37495	469.20	980466.563	62.56	2.80
HK09BE0132	43.71323	144.38373	389.40	980481.522	59.19	1.69
HK09BE0133	43.72380	144.39476	329.10	980491.199	57.45	3.39
HK09BE0134	43.72557	144.40216	260.80	980507.067	57.83	1.58
HK09BE0135	43.73199	144.41428	229.10	980514.039	58.42	2.07
HK09BE0136	43.75740	144.42668	171.70	980520.901	51.37	1.90
HK09BE0137	43.77101	144.43176	142.10	980527.142	50.22	1.70
HK09BE0138	43.77819	144.43349	134.70	980527.584	48.53	1.75
HK09BE0139	43.79740	144.43770	99.80	980533.699	45.44	1.12
HK09BE0140	43.81117	144.44057	83.50	980537.220	45.19	1.87
HK09BE0141	43.81684	144.44186	70.70	980540.528	45.01	1.34
HK09BE0142	43.81222	144.42870	143.00	980521.210	39.57	0.45
HK09BE0143	43.81599	144.42151	138.30	980522.015	39.36	0.81
HK09BE0144	43.80222	144.42038	159.00	980515.740	38.75	0.94
HK09BE0145	43.79896	144.41545	129.10	980523.080	40.95	1.75
HK09BE0146	43.80822	144.41255	147.20	980519.037	39.48	1.36
HK09BE0147	43.78383	144.39250	125.80	980524.048	43.00	1.48
HK09BE0148	43.76702	144.39793	208.00	980505.642	40.77	0.51
HK09BE0149	43.76039	144.39635	232.20	980501.151	43.20	1.91
HK09BE0150	43.74743	144.39502	212.30	980510.829	50.02	1.67
HK09BE0151	43.79488	144.40883	118.30	980527.802	43.13	0.72
HK09BE0152	43.78009	144.40944	144.00	980522.877	46.01	1.96
HK09BE0153	43.77360	144.40865	164.20	980519.297	46.72	1.87
HK09BE0154	43.74339	144.40562	217.80	980511.838	52.25	1.41
HK09BE0155	43.75205	144.40710	196.20	980513.881	49.16	1.39
HK09BE0156	43.76196	144.40959	175.80	980516.383	46.75	1.44
HK09BE0157	43.76822	144.41451	162.10	980518.747	45.78	1.37
HK09BE0158	43.70507	144.40195	286.50	980506.522	64.68	1.21
HK09BE0159	43.71931	144.40604	250.30	980509.957	60.03	1.83
HK09BE0160	43.72923	144.36885	328.40	980488.583	53.15	1.66
HK09BE0161	43.73304	144.36150	357.70	980479.864	50.20	2.05
HK09BE0162	43.73350	144.35480	379.30	980474.974	49.55	1.87

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK09BE0163	43.72290	144.33168	648.20	980416.086	51.93	6.13
HK09BE0164	43.70923	144.33405	805.70	980388.418	60.38	8.34
HK09BE0165	43.71449	144.33226	759.00	980396.350	58.18	8.10
HK09BE0166	43.72594	144.32889	558.40	980436.494	50.72	4.24
HK09BE0167	43.73631	144.34085	407.70	980467.322	48.25	2.72
HK09BE0168	43.67788	144.37216	277.70	980508.670	74.59	7.35
HK09BE0169	43.67239	144.36671	127.00	980541.248	73.54	2.69
HK09BE0170	43.66906	144.34380	166.40	980532.567	75.58	5.59
HK09BE0171	43.67077	144.35158	154.10	980537.429	75.83	3.39
HK09BE0174	43.70168	144.36647	549.20	980449.741	65.50	5.31
HK09BE0175	43.70778	144.35681	621.10	980434.405	65.08	5.63
HK09BE0176	43.70780	144.36421	593.70	980439.115	64.89	6.56
HK09BE0177	43.71930	144.35913	507.90	980453.803	58.24	3.82
HK09BE0178	43.74922	144.34514	295.00	980485.246	40.68	1.41
HK09BE0179	43.74582	144.35168	288.90	980489.621	44.10	1.40
HK09BE0180	43.74906	144.35571	260.60	980494.861	42.92	1.03
HK09BE0181	43.75208	144.37318	253.90	980496.145	43.47	2.10
HK09BE0182	43.75886	144.37810	249.30	980495.348	40.34	1.24
HK09BE0183	43.76634	144.37668	210.60	980502.613	38.74	0.87
HK09BE0184	43.77404	144.37729	229.60	980497.414	38.00	2.17
HK09BE0185	43.78145	144.37529	195.90	980504.159	36.63	1.52
HK09BE0186	43.78783	144.37317	169.30	980508.625	35.05	1.33
HK09BE0187	43.79529	144.37242	121.90	980519.541	35.84	1.03
HK09BE0188	43.79105	144.37888	158.70	980511.644	35.81	1.46
HK09BE0189	43.79774	144.38495	129.60	980519.444	38.66	2.82
HK09BE0190	43.64925	144.46446	141.60	980534.307	70.91	3.16
HK09BE0191	43.65015	144.47844	198.10	980518.879	65.85	2.58
HK09BE0192	43.64875	144.47340	170.50	980525.773	66.83	2.01
HK09BE0193	43.66373	144.43903	127.90	980539.288	68.62	0.78
HK09BE0194	43.63279	144.46175	143.60	980523.598	58.64	0.67
HK09BE0195	43.63569	144.46886	149.60	980525.618	61.73	0.77
HK09BE0196	43.63844	144.47554	161.60	980524.694	63.26	1.04
HK09BE0197	43.64056	144.48090	173.60	980522.462	63.38	1.08
HK09BE0198	43.64495	144.47743	164.00	980526.298	65.65	1.46
HK09BE0199	43.64251	144.47147	158.00	980527.312	65.00	1.22
HK09BE0202	43.64703	144.25157	483.40	980442.935	47.03	2.43
HK09BE0203	43.64814	144.26279	411.00	980461.663	54.19	5.14
HK09BE0204	43.63599	144.25603	337.50	980483.268	60.26	3.04

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK09BE0205	43.60453	144.24919	274.00	980511.582	81.93	4.82
HK09BE0206	43.59755	144.24568	315.90	980504.999	84.80	5.16
HK09BE0207	43.59695	144.26547	143.80	980541.713	85.66	4.06
HK09BE0208	43.57857	144.28476	139.20	980535.235	78.29	3.42
HK09BE0209	43.57905	144.29266	132.50	980529.994	70.37	2.49
HK09BE0210	43.57074	144.28587	160.90	980532.669	81.55	3.51
HK09BE0211	43.55614	144.27267	251.70	980510.666	93.48	13.38
HK09BE0212	43.54546	144.26085	379.80	980484.123	84.70	6.68
HK09BE0213	43.56673	144.28130	178.20	980529.458	85.09	4.90
HK09BE0214	43.57836	144.27620	153.90	980537.072	83.69	3.15
HK09BE0215	43.58120	144.27043	177.90	980533.309	85.53	4.15
HK09BE0216	43.57759	144.25600	286.30	980510.591	87.20	5.79
HK09BE0217	43.57282	144.25261	359.80	980489.668	81.54	6.00
HK09BE0218	43.57815	144.24445	440.10	980472.994	79.98	5.37
HK09BE0219	43.57954	144.23746	529.50	980451.019	80.63	9.22
HK09BE0220	43.57224	144.24249	609.10	980428.601	72.64	7.19
HK09BE0221	43.56730	144.23950	664.10	980411.881	66.33	7.48
HK09BE0222	43.56771	144.22664	865.50	980364.897	62.40	7.68
HK09BE0223	43.57012	144.22014	758.30	980393.177	62.88	5.40
HK09BE0224	43.58145	144.21040	752.30	980396.211	63.27	4.79
HK09BE0225	43.58687	144.20999	735.50	980402.004	65.65	5.41
HK09BE0226	43.59023	144.20491	711.00	980406.650	65.22	5.96
HK09BE0227	43.58899	144.21429	808.50	980385.148	64.54	5.82
HK09BE0228	43.59314	144.19937	686.50	980411.407	63.30	4.50
HK09BE0229	43.56326	144.21487	653.80	980413.288	60.86	4.43
HK09BE0230	43.56449	144.20683	608.80	980424.206	61.87	4.20
HK09BE0231	43.56906	144.20641	551.60	980437.928	66.57	5.72
HK09BE0232	43.56363	144.19936	461.30	980458.024	66.92	3.06
HK09BE0233	43.55916	144.18988	380.80	980479.101	73.91	3.90
HK09BE0234	43.54899	144.18913	413.90	980470.421	70.72	2.73
HK09BE0235	43.54316	144.18552	444.40	980462.938	71.45	3.80
HK09BE0236	43.54186	144.19942	458.60	980457.828	67.93	3.35
HK09BE0237	43.54910	144.19925	411.00	980469.077	70.41	4.06
HK09BE0238	43.53785	144.21144	483.90	980452.729	69.12	3.61
HK09BE0239	43.53596	144.21725	500.70	980450.993	70.99	3.66
HK09BE0240	43.52750	144.22104	572.50	980436.807	71.62	3.61
HK09BE0241	43.53142	144.22964	622.50	980424.125	66.81	3.42
HK09BE0242	43.53941	144.23288	658.80	980415.000	66.84	6.05

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK09BE0243	43.56641	144.23535	695.30	980403.994	67.64	10.91
HK09BE0247	43.65749	144.24933	435.80	980452.961	45.94	2.71
HK09BE0248	43.66373	144.23735	389.90	980459.990	43.73	3.19
HK09BE0249	43.66159	144.24449	419.00	980456.138	44.74	1.91
HK09BE0250	43.68605	144.21021	225.00	980491.283	39.17	2.20
HK09BE0251	43.69840	144.19751	122.00	980508.920	34.41	1.10
HK09BE0252	43.71109	144.20331	128.70	980509.900	35.99	1.72
HK09BE0253	43.70192	144.21516	176.00	980499.881	35.60	1.32
HK09BE0254	43.69829	144.22104	184.90	980497.994	35.52	0.98
HK09BE0255	43.69008	144.23285	245.50	980485.531	37.11	2.39
HK09BE0256	43.68411	144.23894	253.10	980484.924	38.26	1.89
HK09BE0257	43.68014	144.24661	256.00	980486.137	43.00	3.61
HK09BE0258	43.70605	144.22174	194.30	980494.981	35.20	2.58
HK09BE0259	43.70399	144.23364	221.00	980489.576	34.45	1.72
HK09BE0260	43.70004	144.23923	252.40	980485.119	36.09	1.28
HK09BE0261	43.69644	144.24500	280.50	980480.483	37.13	1.07
HK09BE0262	43.69393	144.24872	297.80	980477.310	38.51	1.96
HK09BE0263	43.69744	144.25894	323.30	980473.087	39.54	2.38
HK09BE0264	43.68913	144.27469	371.60	980465.446	43.40	2.96
HK09BE0265	43.68520	144.26950	420.40	980453.864	40.36	1.92
HK09BE0266	43.69073	144.26715	346.40	980472.342	45.32	3.40
HK09BE0267	43.69053	144.26170	320.00	980479.620	47.61	3.58
HK09BE0268	43.69180	144.25528	289.40	980483.614	44.37	2.52
HK09BE0269	43.69271	144.23907	246.40	980489.178	42.21	3.83
HK09BE0270	43.68185	144.26286	345.70	980470.911	42.38	1.28
HK09BE0271	43.68624	144.25766	315.90	980475.601	42.09	2.59
HK09BE0272	43.68742	144.25206	303.40	980476.828	40.58	2.71
HK09BE0273	43.68982	144.24571	264.90	980483.178	38.34	1.89
HK09BE0274	43.71447	144.22166	174.10	980498.322	34.66	3.47
HK09BE0275	43.71688	144.23355	203.60	980492.836	34.30	2.86
HK09BE0276	43.72198	144.22949	217.30	980488.256	30.68	1.44
HK09BE0277	43.72465	144.23842	238.20	980484.853	30.77	1.26
HK09BE0278	43.72784	144.22650	161.60	980500.579	31.02	1.04
HK09BE0279	43.73619	144.22577	169.30	980498.313	29.75	1.41
HK09BE0280	43.73434	144.23534	194.30	980494.157	30.84	1.36
HK09BE0281	43.73005	144.24115	236.60	980486.523	31.35	1.07
HK09BE0282	43.73027	144.24782	295.00	980473.963	31.52	1.72
HK09BE0283	43.71992	144.25145	314.90	980470.861	32.68	1.38

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK09BE0284	43.70318	144.27679	427.90	980452.369	39.53	2.65
HK09BE0285	43.70000	144.26654	382.40	980459.967	37.45	1.91
HK09BE0286	43.69785	144.27214	428.60	980451.501	39.57	2.71
HK09BE0287	43.69872	144.27835	428.60	980453.401	40.58	2.23
HK09BE0288	43.71154	144.25520	324.00	980471.024	35.41	1.50
HK09BE0289	43.71191	144.24286	290.90	980475.804	34.79	2.29
HK09BE0292	43.69212	144.18335	209.20	980490.521	34.08	1.45
HK09BE0293	43.69664	144.18854	185.40	980496.404	34.68	1.30
HK09BE0294	43.70403	144.19040	126.70	980510.282	36.59	1.76
HK09BE0295	43.69963	144.18033	135.60	980507.848	36.06	1.36
HK09BE0296	43.69186	144.17041	169.50	980501.388	37.21	1.72
HK09BE0297	43.67742	144.16278	204.40	980495.262	39.02	1.43
HK09BE0298	43.67346	144.15617	225.50	980491.738	39.90	1.15
HK09BE0299	43.66907	144.14996	266.60	980484.363	41.41	1.72
HK09BE0300	43.66295	144.13947	326.00	980472.843	41.69	1.28
HK09BE0301	43.66592	144.14583	295.20	980478.770	41.41	1.48
HK09BE0302	43.68294	144.16061	191.90	980497.556	38.35	1.27
HK09BE0303	43.68098	144.15652	213.00	980492.841	38.12	1.56
HK09BE0304	43.67012	144.13130	415.60	980452.171	40.59	2.65
HK09BE0305	43.67270	144.13579	352.20	980466.904	40.43	1.64
HK09BE0306	43.67083	144.14047	311.80	980476.107	41.79	1.67
HK09BE0307	43.67474	144.14516	280.30	980482.414	41.98	2.11
HK09BE0308	43.67900	144.14558	304.30	980475.819	40.94	3.26
HK09BE0309	43.67757	144.13805	321.60	980473.475	40.56	1.79
HK09BE0310	43.68360	144.14084	371.60	980460.490	41.65	4.90
HK09BE0311	43.68941	144.14357	322.40	980469.919	36.26	1.48
HK09BE0312	43.69653	144.14551	260.40	980483.044	36.68	2.24
HK09BE0313	43.69527	144.13889	330.30	980468.185	36.57	2.23
HK09BE0314	43.69335	144.13362	330.80	980468.457	37.34	2.81
HK09BE0315	43.68555	144.12970	348.30	980464.934	36.28	1.15
HK09BE0316	43.67816	144.12186	297.40	980479.399	43.37	3.34
HK09BE0317	43.66592	144.12248	342.30	980470.135	43.17	2.53
HK09BE0318	43.65437	144.10721	227.00	980501.371	53.18	1.90
HK09BE0319	43.64696	144.11195	276.20	980491.434	52.12	1.22
HK09BE0320	43.65569	144.09108	196.90	980511.307	57.86	2.93
HK09BE0321	43.65506	144.08565	187.30	980513.252	57.29	2.63
HK09BE0322	43.66035	144.09125	271.60	980491.858	54.03	5.09
HK09BE0323	43.66665	144.09688	322.40	980479.435	47.25	1.20

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK09BE0324	43.66671	144.10394	308.70	980482.254	46.85	1.01
HK09BE0325	43.67375	144.10365	281.00	980487.965	46.99	1.28
HK09BE0326	43.66687	144.10854	305.10	980482.175	46.47	1.43
HK09BE0327	43.66261	144.11229	355.50	980470.709	45.84	1.37
HK09BE0328	43.55247	144.19598	400.20	980473.389	71.87	3.65
HK09BE0329	43.55321	144.20166	421.40	980466.806	70.16	4.28
HK09BE0330	43.55544	144.20901	467.80	980455.127	67.91	4.36
HK09BE0331	43.55755	144.21780	529.30	980440.965	67.63	5.12
HK09BE0332	43.55179	144.21606	549.50	980437.285	66.09	5.67
HK09BE0333	43.55213	144.21004	488.70	980451.028	66.44	3.84
HK09BE0336	43.69199	144.19586	109.90	980510.620	38.24	4.34
HK09BE0337	43.68079	144.17598	160.40	980501.364	37.68	2.68
HK09BE0338	43.68467	144.18082	153.40	980503.320	37.15	1.96
HK09BE0339	43.68236	144.18790	144.50	980505.966	38.97	2.47
HK09BE0340	43.67746	144.18298	164.20	980502.233	38.92	2.01
HK09BE0341	43.66593	144.17255	214.40	980494.374	41.19	1.44
HK09BE0342	43.67114	144.17001	231.80	980490.445	40.45	1.87
HK09BE0343	43.67020	144.16325	235.40	980489.306	39.76	1.48
HK09BE0344	43.66700	144.15816	253.90	980486.259	40.83	1.67
HK09BE0345	43.66088	144.15036	281.30	980481.399	41.71	1.37
HK09BE0346	43.65982	144.16170	254.30	980486.785	41.42	1.01
HK09BE0347	43.65700	144.15588	268.30	980484.960	43.12	1.47
HK09BE0348	43.65528	144.15070	282.70	980481.859	43.37	1.79
HK09BE0349	43.65414	144.14491	300.70	980478.472	43.89	2.01
HK09BE0350	43.65570	144.16348	241.00	980489.098	42.02	1.21
HK09BE0351	43.65078	144.15529	278.10	980484.867	46.21	2.23
HK09BE0352	43.64793	144.14853	299.30	980481.091	47.35	2.77
HK09BE0353	43.64694	144.14105	313.00	980478.410	46.45	1.65
HK09BE0354	43.64626	144.15865	283.40	980484.808	47.55	2.18
HK09BE0355	43.63048	144.15092	324.50	980477.046	49.15	1.99
HK09BE0356	43.62798	144.15735	353.60	980470.458	48.27	1.85
HK09BE0357	43.61762	144.16252	326.70	980479.849	54.23	2.07
HK09BE0358	43.61879	144.16823	347.80	980475.722	53.42	1.46
HK09BE0359	43.61786	144.17398	373.80	980469.741	52.90	1.77
HK09BE0360	43.61512	144.17953	439.20	980456.989	52.98	1.48
HK09BE0361	43.62310	144.15755	400.00	980458.353	46.39	1.78
HK09BE0362	43.63821	144.15080	300.50	980480.824	47.05	1.49
HK09BE0363	43.64576	144.16348	285.10	980482.616	45.24	1.70

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK09BE0364	43.63905	144.16364	293.80	980481.062	46.31	1.82
HK09BE0365	43.63170	144.16403	317.30	980476.970	47.16	1.40
HK09BE0366	43.62700	144.17253	349.50	980470.146	49.42	3.80
HK09BE0367	43.65656	144.17653	235.60	980490.519	42.75	1.52
HK09BE0368	43.64881	144.17479	260.80	980486.415	45.67	2.98
HK09BE0369	43.64118	144.17271	279.10	980482.472	44.75	1.63
HK09BE0370	43.63432	144.17519	308.00	980477.864	46.76	2.05
HK09BE0371	43.63354	144.18199	307.50	980478.265	48.30	2.80
HK09BE0372	43.62682	144.18518	353.40	980470.115	50.19	3.28
HK09BE0373	43.62064	144.18474	415.60	980458.837	50.99	2.81
HK09BE0374	43.61346	144.18887	474.00	980449.262	53.28	2.23
HK09BE0377	43.67266	144.21849	261.80	980482.670	38.01	1.36
HK09BE0378	43.66850	144.21797	264.40	980484.097	40.28	1.26
HK09BE0379	43.66580	144.21873	268.50	980484.390	41.78	1.32
HK09BE0380	43.66352	144.22336	298.60	980478.493	42.40	1.77
HK09BE0381	43.66044	144.22758	312.30	980476.367	42.80	1.20
HK09BE0382	43.66274	144.20686	287.70	980481.396	43.61	2.23
HK09BE0383	43.65735	144.20125	271.00	980484.403	43.33	1.69
HK09BE0384	43.65123	144.20509	310.10	980478.956	46.28	1.91
HK09BE0385	43.64745	144.20772	323.60	980476.074	45.49	0.93
HK09BE0386	43.64291	144.20834	348.30	980471.840	48.23	2.53
HK09BE0387	43.64315	144.21527	334.10	980475.517	48.86	1.87
HK09BE0388	43.64853	144.21272	320.70	980476.538	46.09	1.63
HK09BE0389	43.63683	144.19815	373.10	980466.937	48.28	2.05
HK09BE0390	43.64215	144.19687	326.20	980476.887	49.03	2.63
HK09BE0391	43.64611	144.19852	303.10	980481.923	49.67	3.04
HK09BE0392	43.66370	144.19513	299.80	980478.021	43.44	2.73
HK09BE0393	43.64810	144.18973	316.80	980478.012	45.96	0.99
HK09BE0394	43.65168	144.19305	327.90	980474.911	47.96	4.10
HK09BE0395	43.66009	144.19164	290.90	980481.128	43.35	1.43
HK09BE0396	43.66842	144.18468	259.90	980485.878	42.83	2.81
HK09BE0397	43.64714	144.18358	286.80	980484.496	47.47	1.58
HK09BE0398	43.63398	144.18863	337.30	980476.063	50.32	1.62
HK09BE0399	43.61339	144.21324	595.40	980430.222	62.09	4.62
HK09BE0400	43.61687	144.20496	518.20	980445.237	58.95	2.75
HK09BE0401	43.63008	144.20404	400.20	980463.351	51.48	2.51
HK09BE0402	43.62627	144.20895	434.10	980457.182	53.49	3.15
HK09BE0403	43.62406	144.21153	459.60	980452.333	54.57	3.45

Table 1. continued

Station Name	Latitude (° N)	Longitude (° E)	Altitude (m)	g (mGal)	B.A. (mGal)	T.C. (mGal)
HK09BE0404	43.62877	144.21631	457.40	980451.261	50.77	1.98
HK09BE0405	43.63108	144.23337	615.80	980417.570	55.48	5.10
HK09BE0406	43.62249	144.22868	657.10	980412.366	60.44	6.18
HK09BE0407	43.62002	144.21809	560.80	980434.883	58.11	3.81
HK09BE0408	43.62473	144.22092	543.20	980436.465	55.31	3.43
HK09BE0409	43.63025	144.22571	521.30	980440.330	54.46	3.81
HK09BE0410	43.63363	144.23018	517.00	980438.847	51.38	3.45
HK09BE0411	43.63862	144.22720	440.80	980453.586	50.61	3.86
HK09BE0412	43.64368	144.22395	407.90	980457.975	45.69	1.85
HK09BE0413	43.64880	144.22108	381.50	980462.340	44.25	1.82
HK09BE0414	43.65355	144.21693	354.10	980466.849	42.50	1.48
HK09BE0415	43.62153	144.26117	195.70	980522.565	74.86	4.87
HK09BE0416	43.62532	144.26059	232.70	980513.482	71.74	4.40
HK09BE0417	43.62354	144.25238	263.20	980506.545	71.19	3.70
HK09BE0420	43.70090	144.35693	728.30	980407.391	65.80	7.79
HK09BE0421	43.70226	144.35390	798.70	980390.146	68.07	10.58
HK09BE0422	43.70214	144.34981	873.90	980370.439	70.35	13.38
HK09BE0423	43.70039	144.34505	925.10	980357.100	77.93	20.10
HK09BE0424	43.70044	144.34044	931.80	980357.614	75.06	17.63
HK09BE0425	43.70188	144.33508	1000.00	980337.370	80.43	25.12
HK09BE0426	43.70091	144.35693	728.30	980407.391	65.79	7.78

Table 1. continued

