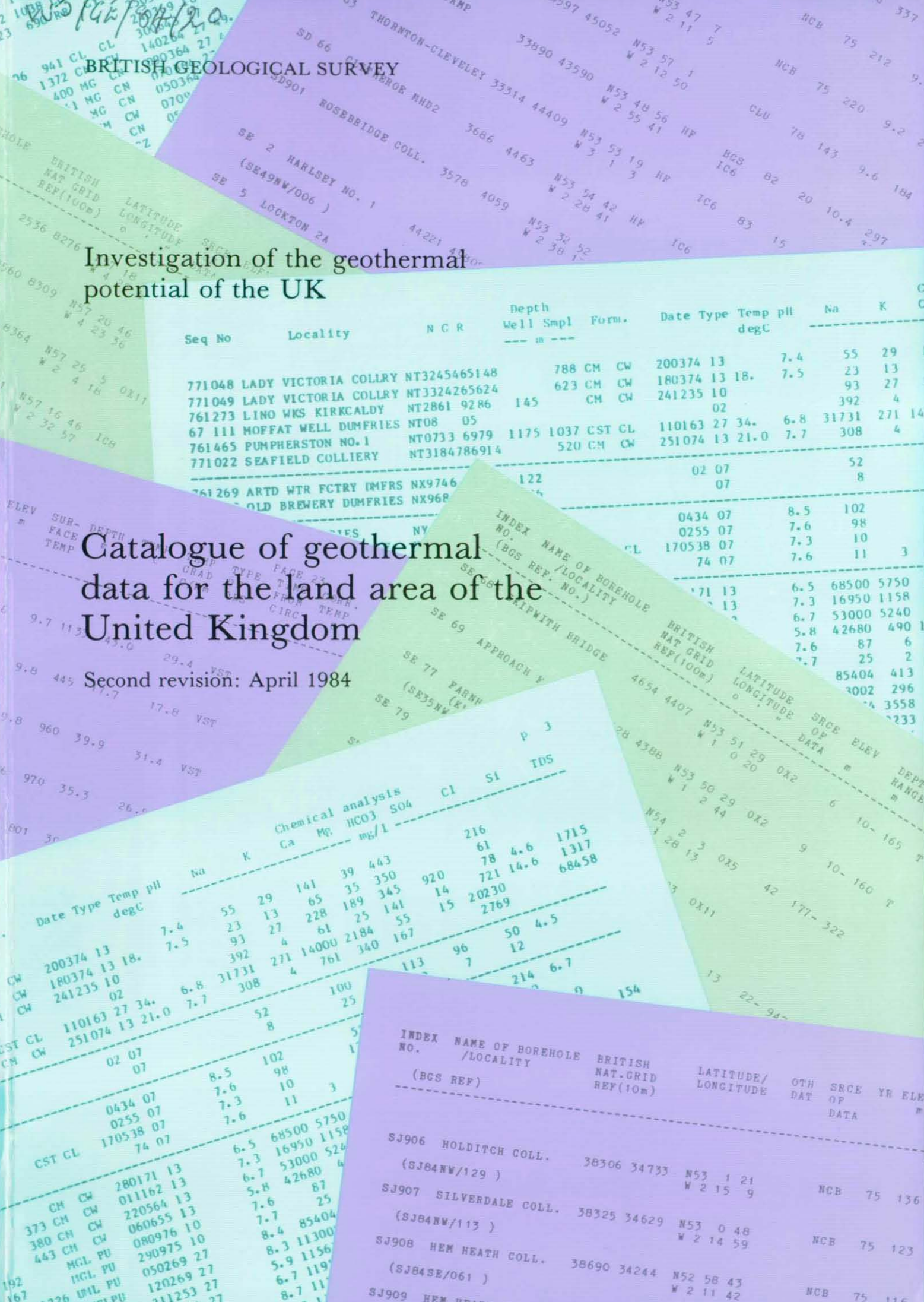
BRITISH GEOLOGICAL SURVEY

Investigation of the geothermal potential of the UK

Catalogue of geothermal data for the land area of the United Kingdom

Second revision: April 1984



BRITISH GEOLOGICAL SURVEY

Geothermal Resources Programme

Investigation of the geothermal potential of the UK

Catalogue of geothermal data for the land area of the United Kingdom

Second revision: April 1984

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FOREWORD

A comprehensive catalogue of undergound temperature, heat flow and geochemical data was first prepared in 1977 by the Institute of Geological Sciences (now renamed the British Geological Survey) and published by the Department of Energy in 1978. It was compiled under terms of contracts between the Commission of the European Communities (CEC), the Department of Energy (DEn), and the Natural Environment Research Council (NERC) in association with its component body the British Geological Survey (BGS).

A first revision of the earlier catalogue was published by IGS in 1982 incorporating new data acquired between June 1977 and August 1981 and including the data published in the first catalogue. That revision comprised listings of the underground temperature, heat flow and geochemical data but not the maps or detailed notes incorporated in the original catalogue.

This second revision of the catalogue incorporates new data acquired between August 1981 and April 1984 and includes data published in the previous catalogues. This catalogue has also been prepared under contracts between the DEn, the CEC and the NERC in association with the BGS.

The text of this catalogue has been written by A J Burley, W M Edmunds and I N Gale. Compilation and editing of the data on computer files from which this catalogue has been produced has largely been carried out by S J Whitting using programs written by M T Houghton (Tables I and II) and R Andrews and D G Kinniburgh (Table III). The work has been supervised by R A Downing under the general direction of D A Gray.

British Geological Survey
Keyworth
Nottinghamshire

October 1984

CHAPTER 1. INTRODUCTION

The information used to compile this catalogue has been obtained from four main sources:

1) oil and mining organisations,

2) BGS records,

3) published literature,

4) university groups studying heat flow.

Further details of these are given in Chapter 5. The results are presented in three Tables: Table I lists measured temperatures, Table II lists heat flow data and Table III lists hydrogeochemical data. The measurements and their limitations are described in Chapters 2, 3 and 4. No attempt at interpretation is made in this catalogue, but the data have been used extensively in other reports published by BGS in the series 'Investigation of the geothermal potential of the UK', particularly for estimating the geothermal resources of the country (Gale and others, 1984).

CHAPTER 2. TEMPERATURE DATA

2.1 *Introduction*

During the last 150 years a large number of underground temperature measurements of varying quality has been made in boreholes and mines in the UK. In some cases, considerable care has been taken to ensure that the undisturbed equilibrium temperature of the rock is measured. Although the number of such 'equilibrium' measurements has increased rapidly in recent years as a result of the programme to investigate the country's geothermal potential, the majority of available temperature data has come from routine measurements made during pauses in drilling boreholes, when the disturbing effects of mud circulation affect the results. These effects are usually minimal at the bottom of a hole, and for this reason non-equilibrium borehole temperatures (other than those measured during drill-stem tests) listed in Table I are restricted to 'bottom hole temperatures' (BHT) measured with mercury maximum thermometers, or to values recorded on temperature logs at the bottom of a hole.

2.2 *Categories of data*

Nine categories are distinguished in Table I:

i) Bottom hole temperatures (BHT)

These are recorded during routine geophysical logging of most deep boreholes. Mercury in glass thermometers contained in hermetically sealed cylinders are strapped to the cable immediately above the logging tool and register the maximum temperature encountered, which is normally that at the bottom of the hole. The value is usually lower than the equilibrium temperature of the rock because of the cooling effect of circulating mud during drilling. Where known, the time between the end of mud circulation and the

temperature measurement is quoted in the table. Approximate corrections for the cooling effects of circulation can then be made (as described in Section 2.4) but unless a series of temperature measurements is made over a period of about half a day or more, the corrections are not likely to be very reliable, as there are many factors, varying from one borehole to another, which affect the rate at which the drilling mud reaches equilibrium temperature. Where the time since circulation is only a few hours, or is not recorded, these measurements only indicate a probable minimum temperature for the rock at the depth measured. It should also be borne in mind that during routine logging of boreholes not drilled for geothermal purposes, such measurements are not always carefully recorded, so no great reliance should be placed on any individual value in isolation.

The term 'bottom hole temperature' in this catalogue is used only for the type of measurement described above, and not for equilibrium measurements at the bottom of a borehole.

ii) 'Estimated' temperatures (EST)

These are estimated equilibrium temperatures based on a series of carefully measured bottom hole temperatures, as recorded for instance in certain boreholes drilled for geothermal exploration purposes. They relate to situations where it was not possible to make equilibrium measurements.

iii) Log temperatures (LOG)

Temperature profiles of boreholes are sometimes recorded during geophysical logging operations, usually long before the mud column has reached thermal equilibrium. Since the departure from equilibrium is less at the bottom of the borehole than elsewhere, only bottom hole temperatures have been abstracted from logs for presentation in the table. Bottom hole temperatures obtained from temperature logs are identified separately because they are considered more reliable than those measured with a maximum

thermometer. There is certainty that the temperature really is recorded at the bottom of the hole even if there is a hotter zone higher up (though this is rare) and more care is likely to be taken to ensure accurate calibration of the thermometer than in the case of maximum thermometer measurements.

iv) Mine water temperatures (MWT)

Measurements listed in this category were of the temperatures of small flows of water issuing from rock fissures in Cornish mines in the last century, as reported by Henwood (1871) and James (1944), and in some coal mines elsewhere.

v) Coal field measurements (CFM)

These include systematic measurements made by Graham (1922), Jones (1924, 1926) and certain measurements quoted in reports of the British Association (1870, 1871). Temperature measurements were made at the end of horizontal boreholes specially drilled in coal mines. Considerable efforts were made to ensure that the values obtained were unaffected by mine ventilation systems.

vi) Drill-stem test measurements (DST)

Temperature measurements are usually made during drill-stem tests in hydrocarbon or groundwater exploratory boreholes using maximum thermometers and more recently digital memory recorders (DMR). They should be little affected by the temperature disturbance caused by mud circulation in the borehole if adequate fluid flow occurs.

vii) Production test measurements (PRO)

These are made with thermometers placed in boreholes at the depth of a productive reservoir. They record the temperature continuously during production tests when large volumes of fluid are usually extracted. They are generally unaffected by cooling effects

of drilling mud circulation and give very reliable measurements.

viii) Virgin strata temperatures (VST)

This term is used to describe the more recent measurements of equilibrium temperatures in coal mines by the Mining Research and Development Establishment of the National Coal Board. Temperatures in specially drilled shot holes, usually about 2m deep in a freshly exposed coal face, are monitored over periods long enough to ensure that true 'virgin strata' (i.e. equilibrium) temperatures are obtained. The techniques used are described by Harris and Jones (1959) and Verma (1979). Summaries of results are given in Verma (1979 and 1981) and Browning and others (1980).

ix). Equilibrium measurements (EQM)

All measurements made in conditions of thermal equilibrium specifically for the purpose of heat flow calculation are included in this category. In many cases the measurements quoted were made in specially prepared boreholes some months or years after drilling was completed.

2.3 *Validity of data*

In terms of the measurement of the temperature of rocks in thermal equilibrium, undisturbed by artificial influences, the following order of preference for the various categories is suggested:

(1) equilibrium and virgin strata measurements

(2) production test measurements

(3) coalfield measurements

(4) drill-stem test measurements

(5) estimated equilibrium temperatures

(6) mine water temperatures

(7) log temperatures

(8) bottom hole temperatures

Those log or bottom hole temperatures measured many hours after mud circulation in a borehole has stopped are a better indication of equilibrium temperature than those measured soon after circulation has ceased. Such measurements recorded at unspecified times are of little value except to indicate probable minimum formation temperatures.

2.4 *Corrections for borehole circulation effects*

Where a series of carefully measured and timed bottom hole temperatures has been measured during a break in drilling, a method such as that proposed by Barelli and Palama (1981) can be used to estimate an equilibrium temperature. In boreholes not drilled for geothermal investigation purposes, such carefully made measurements are rare. For the majority of boreholes, where only one or two timed bottom hole temperatures are measured at a single depth, and little or no other information is available, Dr R Haenel (personal communication as advisor to the CEC geothermal programme in 1977) devised empirical corrections based on a large number of observations. They are presented as three curves in Figure 1, corresponding to three temperature ranges: the wide range of uncertainty illustrates the problem of estimating a correction which covers various drilling and borehole conditions. The corrections, which are included in Table I where appropriate, appear to be most suitable for boreholes deeper than 500m, and for 'times since circulation' of more than 6 hours.

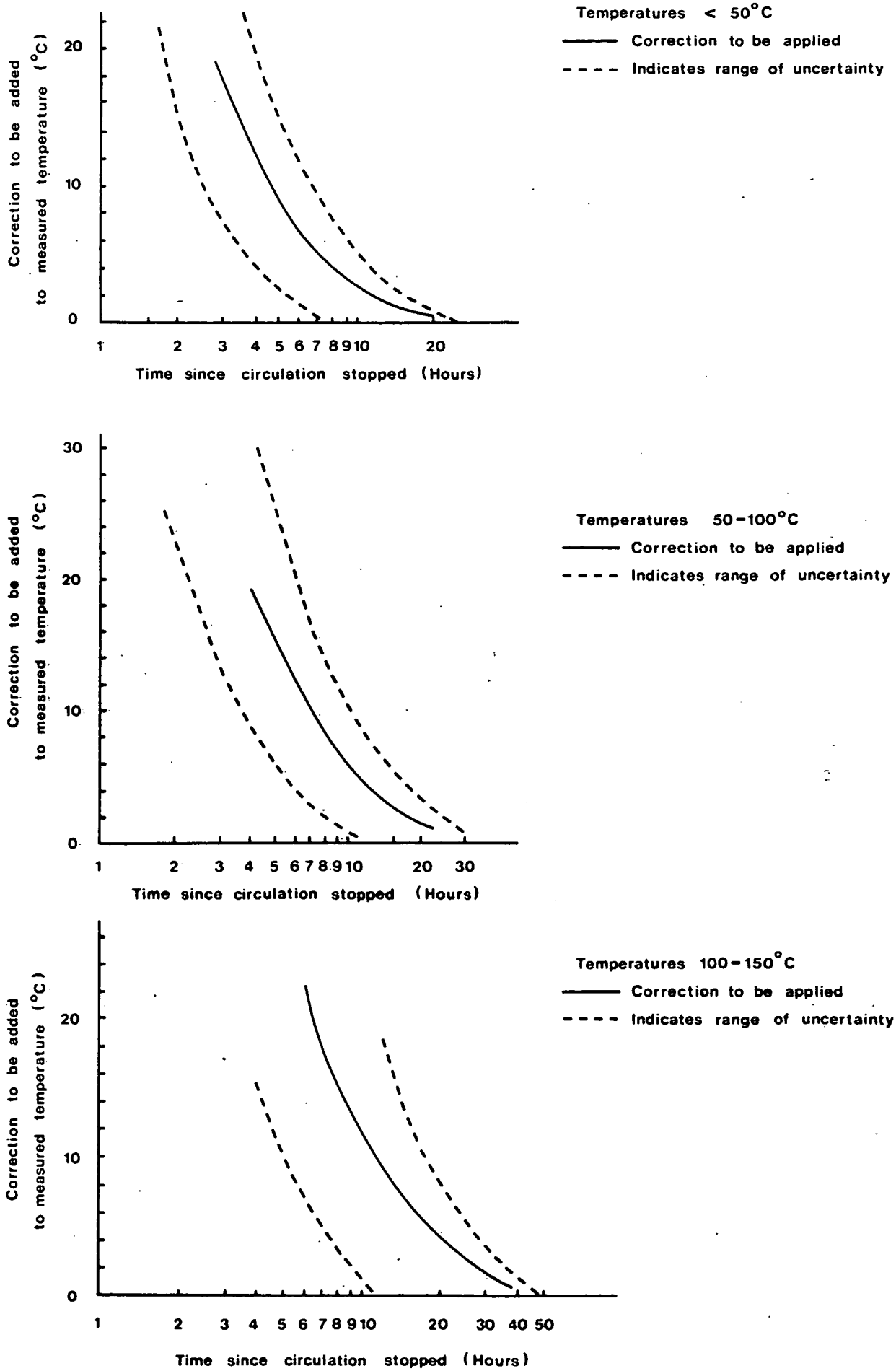

Figure 1 Correction curves for the effect of borehole circulation (after Haenel)

2.5 *Calculation of mean temperature gradients: surface temperatures*

In Table I, the mean temperature gradient between the surface and the depth of the measurement is presented. For this, a mean surface ground temperature is required which is obtained by adding 1°C to the mean air temperature. Mean air temperatures were calculated from a Meteorological Office map of mean daily temperatures at sea level over the period 1941-1970 by subtracting a correction of 6°C per kilometre for the topographic elevation of the borehole above this level. Exceptions to this are boreholes in which heat flow has been measured, and where more accurate local surface temperatures have been calculated by extrapolation. Most of the surface temperatures derived from heat flow calculations agree with temperatures derived from the Meteorological Office map to ±0.5°C.

CHAPTER 3. HEAT FLOW DATA

3.1 *Introduction*

Heat rlow data are presented in Table II and Figure 2; the map has been contoured using both measured and estimated values. Only the sites of the measured values are shown on the map but estimated values have been used where measured values are not available (Gale and others, 1984).

In the simplest case of uniform temperature gradient and uniform thermal conductivity, the heat flow is the product of these two quantities, provided the flow is purely conductive and no heat production occurs. In boreholes penetrating strata which contain a variety of lithological types neither quantity is likely to be uniform and a method such as that described by Bullard (1939) has to be used to calculate the heat flow. The borehole column is divided into a series of discrete uniform intervals for each of which a thermal resistance is calculated. The value of the heat flow q is given by the equation:

$$T(z) = T(o) + q \sum_i R_i D_i$$

where T(z) is the temperature at depth z, T(o) is the extrapolated surface temperature, R_i is the thermal resistance of the i'th depth interval and D_i its thickness. The heat flow may be estimated by calculating the gradient of a 'least squares' linear fit to a plot of T(z) against $\sum_i R_i D_i$. An alternative method commonly in use involves calculation of the heat flow for each of the discrete uniform intervals to give heat flow as a function of depth. An 'average' value may then be calculated, omitting sections which have obviously been distorted by palaeoclimatic or groundwater circulation effects.

Various corrections can be applied in an attempt to give an equilibrium heat flow value unaffected by near-surface perturbations. Such a value should be uniform with depth

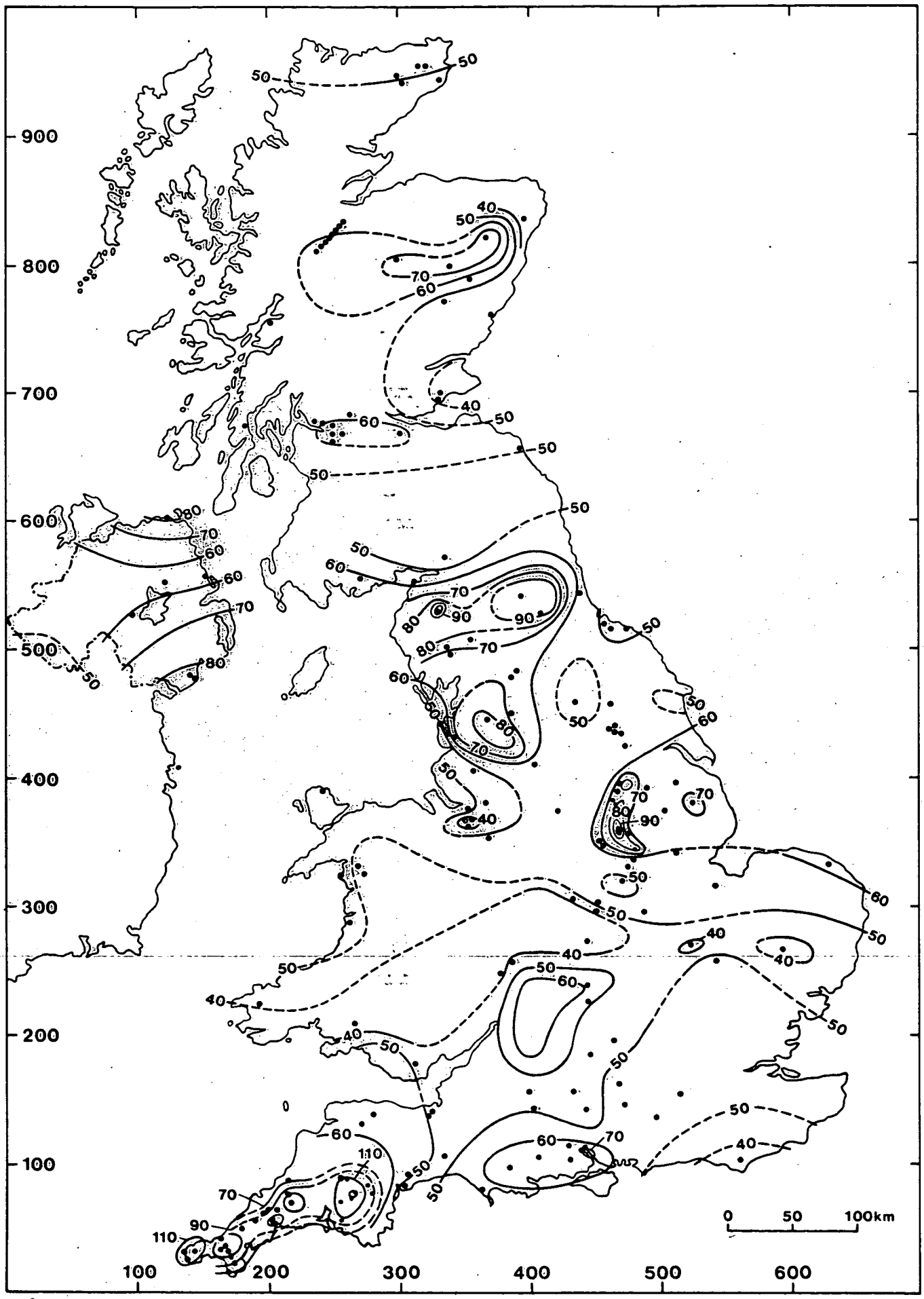

Figure 2 Heat flow map of the United Kingdom. Sites of measured heat flow values are indicated. Units are mW/m^2; contour interval 10 mW/m^2 except in south-west England.

(neglecting heat production from radioactivity), and given sufficient lithological and conductivity information, could be used to estimate temperatures at levels deeper than those at which measurements have been made. The corrections most commonly calculated are those for topographic effects (Jaeger, 1965), and for the cooling effect of past climatic variations (Birch, 1948; Carslaw and Jaeger, 1959), known usually as 'climatic' or 'palaeoclimate' corrections. Corrections for the effects of groundwater circulation are difficult to quantify and if these effects are significant the calculated heat flow is of little value.

The heat flow values given in Table II include topographic corrections where these have been calculated by the authors, but not climatic corrections, except in the case or certain measurements made in relatively shallow boreholes by the Imperial College group (Section 3.3). Climatic corrections are generally omitted from the heat flow values because there is no common agreement on how best to evaluate them. Ideally the measurements should be made at such a depth that the climatic effects are negligible (many hundreds of metres), but this is often not practicable. Some account of the depth of the measurements is therefore taken in the assignment of a quality category (Section 3.2).

3.2 *Categories of heat flow data*

There is considerable variation in the amount of information given in publications describing heat flow measurements in the United Kingdom. The factors which are considered most relevant to an assessment of the quality of the data are given, where known, in Table II. Unless otherwise specified, it can be assumed that all temperature measurements were made when the borehole was in thermal equilibrium using electrical resistance thermometers. The assignment of a category to each heat flow value gives only a rough indication of reliability, as it represents a considerable simplification of the many factors involved. For instance, it is

generally true that the more measurements of conductivity and temperature that are made in a particular borehole, the more reliable the heat flow value is likely to be. However, a quality index incorporating specific numbers of such measurements for each category can be misleading: a few measurements in relatively uniform impermeable rock, such as granite can give a more reliable result than a much larger number of measurements in a complex sedimentary sequence.

In the absence of a widely accepted standardised method of assessing overall reliability, the following categories have been used in Table II:

Category A. Temperatures are measured in conditions of thermal equilibrium using resistance thermometers in boreholes with no evidence of groundwater flow. There are enough temperature measurements to give a good representation of the temperature profile of the zone for which the heat flow is calculated, and they are to a depth of at least 200 metres below the surface. Results from boreholes between 100 and 200 metres deep in uniform granite lithology are included in this category where reliable local empirical corrections for recent climatic effects have been made (see the paragraph on the Imperial College of Science and Technology's heat flow group in Section 3.3).

Conductivities are measured from cores, or chippings where the rock is uniform and impermeable, at intervals to give a good representation of the lithologies in the zone for which the heat flow is calculated.

Category B. Only one of the sets of conditions in A apply (i.e. those referring to temperature or those referring to conductivity measurements), but results are from measurements to a depth of at least 150 metres, and there is no evidence of groundwater flow in the zone for which the heat flow is calculated.

Category C. Neither of the sets of conditions in A apply, but the measurements are to a depth of at least 100 metres, and there is no evidence of groundwater flow in the zone for which the heat flow is calculated.

Category D. Measurements in boreholes or mines not covered by other categories.

Category L. Lake sediment measurements.

3.3 *Notes on the measurements of certain investigators or groups.*

The great majority of reliable heat flow measurements in the UK have been made in the last decade by two groups: the Imperial College of Science and Technology's (London University) group which is still active (March, 1984) and Oxford University's heat flow group, which is no longer active.

The Imperial College of Science and Technology heat flow group. Equilibrium temperatures were measured using themistor probes, except where otherwise indicated, and conductivities were measured using the divided bar (for cylindrical core samples), pillbox (for rock cuttings) or needle probe equipment (for unconsolidated sediments). Partial climatic corrections are included in the values quoted for shallow boreholes measured by this group. The partial correction is based on an empirical comparison of heat flow values obtained from measurements at 300 metres with those obtained from measurements at shallower depths in boreholes in granite in south-west England. They explain (Wheildon and others, 1980) that the effect of the correction is to give heat flow values (called 'Corr A' in their paper) which most realistically compare with values for deeper boreholes elsewhere in the UK and western Europe.

The Oxford University heat flow group. Equilibrium temperatures were measured using thermistor probes.

Conductivities were measured using the divided bar, pillbox or needle probe methods, a comparison of which is described in Oxburgh and others, 1980. They have not applied palaeoclimatic corrections (see Richardson and Oxburgh, 1978).

***Anderson* (1940).** Temperatures were measured using maximum mercury thermometers. He used only the temperature measured at the bottom of the borehole in each case for calculating heat flow: at the Boreland Borehole, this was 6 days after drilling had ceased, at the Balfour Borehole, 3 months, and at South Hetton, 'long after completion of the bore'. At Rose Bridge, temperature measurements were made during breaks in sinking the shaft. Only conductivities of samples from the Boreland Borehole were measured (by Bullard); he also used data from British Association Reports (1880 and 1882).

***Benfield* (1939).** Temperatures were measured using maximum mercury thermometers. At Hankham he made the measurements himself before thermal equilibrium had been reached, and made a correction for the effects of mud circulation. At Balfour he used the temperatures measured by Anderson, and at Holford, Blythswood and South Balgray, details of the measurements are not given. He measured conductivities of samples from the Holford, Hankham and Boreland boreholes using the divided bar equipment, and used the Boreland values for similar rocks at the nearby Balfour Borehole, as well as at South Balgray and Blythswood.

***Bott and others* (1972).** In the Rookhope Borehole, equilibrium temperatures were measured using thermistor probes up to 3 years after drilling had stopped. In the Woodland Borehole, bottom hole measurements were made with a thermistor probe after breaks in drilling of not less than 24 hours. At South Hetton the temperatures used were those reported in the British Association Reports (1873 and 1874), measured using maximum thermometers. Conductivities of samples from Rookhope and Woodland were measured with the divided bar equipment, and at South Hetton conductivities given by Bullard and Niblett (1951) were used.

***Bullard and Niblett* (1951).** Equilibrium temperatures were measured using maximum thermometers and conductivities using the divided bar equipment. A total of 54 samples were measured, representing the main lithologies intersected by the 8 boreholes for which they calculated heat flows.

***Chadwick* (1956).** In the Cambridge Borehole, equilibrium temperatures were measured using a thermistor probe and conductivities of core samples using divided bar equipment.

***Mullins and Hinsley* (1957).** Temperatures were measured using maximum thermometers at the bottom of the boreholes during weekend breaks in drilling: they estimated that the temperatures so measured were within ½°C of equilibrium values. Conductivities of 26 samples from the 6 boreholes were measured by a method not specified.

***Pugh* (1977).** Heat flow values calculated from temperature gradients in sediments at the bottom of deep lakes depend on the premise that they are little affected by short term climatic changes. Pugh measured temperatures at various depths of penetration into the sediment using thermistors attached to probes: penetrations of up to 4 m in Lake Windermere and up to 2.8 m in Loch Ness were achieved. He estimated the conductivity of the sediments from a knowledge of the water content of core samples obtained. He concluded that the largest sources of error were the topographic corrections required (up to 33% at Loch Ness) and the corrections for long term variations in bottom water temperatures.

CHAPTER 4. GEOCHEMICAL DATA

4.1 *Introduction*

The primary objective in compiling the geochemical table has been to provide a summary of data relating to groundwaters derived from consolidated aquifers in the United Kingdom. These data have been used in the compilation of resource assessment reports, in this series, for the major Mesozoic and Palaeozoic sedimentary basins. Water chemistry data play a vital role in the assessment of potential geothermal aquifers. They indicate groundwater movement and influence the value of hydraulic conductivity and the piezometric level, as well as characterising the nature of geothermal fluids.

4.2 *Sample types*

The majority of analyses relate to samples from boreholes deeper than 150m and obtained by pumping, depth sampling or drill-stem testing; a few samples are interstitial waters. Among the shallow groundwaters included are thermal mine drainage waters from metalliferous mines in Cornwall and thermal springs at Bath, Bristol and in Derbyshire. The origin of each sample is indicated by code in Table III.

4.3 *Data limitations and reliability*

A number of factors could affect the reliability of the data. These include the date of the analysis (analytical methods may have been less reliable at the time of the analysis). Contamination as a result of drilling activities, the use of different analytical methods in different laboratories, and the length of time a sample was stored before analysis. Where possible only analyses obtained during the last ten years are included, although to complete the regional cover, or to represent, for example, mining areas which have subsequently been dewatered, a certain amount of historical data has been included. Dates of analyses are shown in Table III and it should be noted

that the data cover a time span of at least 70 years; comparison of successive results from the same area, therefore, may be misleading due to either natural or artificial changes in water chemistry over this time period, as well as to changes in analytical techniques.

The chemical analyses have been converted for the purposes of this report to a unified format which obscures a number of inevitable inconsistencies arising from the constraints described above. Considerable effort has been taken to check the consistency of the data during transfer to Table III. All results have been checked for ionic balance by computer program. This has enabled some transfer errors to be identified and some grossly erroneous results to be omitted. Total rejection of analyses with serious ionic imbalance has not been possible, however, due to the inclusion of many partial analyses with relevant Na, K, Ca or SiO_2 results.

Hydrogeological information relating to the source of the groundwater is absent in some instances and uncertain in others. The exact depth and formation of origin is often incompletely known. For detailed geochemical interpretation, for example geothermometry, it is considered that controlled sampling is essential. Most analyses included may not reflect in-situ conditions as the samples to which they relate were neither filtered nor stabilised with acid. The possibility that water-sediment suspensions may have stood for long periods prior to filtration or analysis could have affected the cation composition or SiO_2 values considerably, either by mineral precipitation or exchange reactions. These limitations should be borne in mind when using the data in Table III.

CHAPTER 5. SOURCES OF DATA

5.1 *Sources of temperature and heat flow data*

Data have been obtained from published literature, or from organisations for whom the measurements were made. In the case of bottom hole temperatures (BHT), the authors normally compiled the data from information given on geophysical borehole logs, and the source given is the organisation for whom the logs were run. The following abbreviations are used in Tables I and II (the inclusion of a year, as in Benfield, 1939, indicates a reference):

ACI Armour Chemical Industries
AMO Amoco
AND Anderson, 1940
BAC Ball and Collins
BAR British Association Reports, 1868-1904
BCT Bearcat Exploration (UK)
BEN Benfield, 1939
BER Berkley Petroleum
BGS British Geological Survey (formerly Institute of Geological Sciences)
BN Bullard and Niblett, 1951
BOT Bott and others, 1972
BP British Petroleum
BRA Bralorne Resources
BUR Burmah Oil
CAM Cambrian Exploration
CAN Candecca Resources
CAR Carless Exploration Onshore
CAW Western Warner Oil
CHA Chadwick, 1956
CJ Cooper and Jones, 1959
CLU Cluff Oil
COG Consolidated Oil and Gas
CON Conoco (UK)
CSM Camborne School of Mines: Batchelor, 1983

DAR	D'Arcy Exploration
DEN	Department of Energy
DUP	Duntex Petroleum
EMP	Emperor Gas UK Ltd
ESO	Esso
GAS	British Gas Corporation
GRA	Graham, 1922
GSN	Geological Survey of Northern Ireland
GWR	Great Western Railway (see Woodward, 1886)
HAM	Hamilton Brothers
HOC	Home Oil UK
IC	Imperial College of Science and Technology, London University (Geology Department's Heat Flow Group)
IC1	Tammemagi and Wheildon, 1974
IC2	Tammemagi and Wheildon, 1977
IC3	Wheildon and others, 1980
IC4	Wheildon, 1978
IC5	Personal communication from J Wheildon
IC6	Wheildon and others, 1984a
IC7	Robins and others, 1983
IC8	Wheildon and others, 1984b
IC9	Wheildon and others, 1984c
ICI	Imperial Chemical Industries
JAM	James, 1944
J24	Jones, 1924
J26	Jones, 1926
LAS	Lasmo
MAR	Marathon Oil
MH	Mullins and Hinsley, 1957
MON	Monsanto
NCB	National Coal Board (including MRDE)
NOR	Norris Petroleum
OX	Oxford University Heat Flow Group (Department of Geology & Mineralogy)
OX1	Oxburgh and others, 1977
OX2	Richardson and Oxburgh, 1978
OX3	Bloomer and others, 1979

OX4	England and others, 1980
OX5	Oxburgh, 1982
OX6	Cull and others, 1977
OX7	Richardson, Cull and others, 1978
OX8	Richardson, Oxburgh and England, 1978
OX9	Richardson and Jones, 1981
OX10	Bloomer and others, 1982
OX11	Personal communication, S R Penney to D Holliday (BGS), 1980
PCO	Premier Consolidated Oilfields
PEN	Pennzoil UK
PLE	Place Oil and Gas
PU	Pugh, 1977
QUN	Quintana Overseas
RTZ	Rio Tinto Finance and Exploration
SAF	Safari Oil
SCR	Scurry Rainbow UK
SHL	Shell UK Exploration and Production
SUP	Superior Oil
TAW	Taylor Woodrow Energy
TEX	Texaco
TRE	Petrotrend
ULT	Ultramar
VOY	Voyager
WP	Whitby Potash
YP	Yorkshire Potash

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TABLE I : TEMPERATURE DATA

Explanation of certain column headings and abbreviations

INDEX NO.	:	Index number of borehole or mine-site. The letters indicate the 100 kilometre grid square in which the measurement was made. Where an additional code is given in brackets, this is the BGS borehole reference number.
BRITISH NAT. GRID REF.(10m)	:	Full British National Grid Reference, to 10 metres where known. In some mining areas the prefix U indicates that the position given is uncertain. In Northern Ireland, the Irish Grid Reference is given preceded by I.
OTH.DAT.	:	Other data listed in this Catalogue: HF indicates heat flow date and GEOCH indicates hydrogeochemical data.
SRCE. OF DATA	:	Source of data. A list of abbreviations is given in Section 5.1.
YR.	:	Year in which measurements reported. NC = nineteenth century.
ELEV.	:	Height of ground level above mean sea level (ordnance datum) in metres.
SURFACE TEMP.	:	Ground temperature at the surface in degrees Centigrade.
DEPTH	:	Depth in metres below ground level of temperature measurement.
TEMP.	:	Temperature in degrees Centigrade.
TEMP.GRAD.	:	Mean temperature gradient in degrees Centigrade per kilometre between the surface and depth of the temperature measurement.

TYPE OF OBS. : Type (category) of observation. The following abbreviations are used (see Section 2.2 for descriptions of the categories):

BHT bottom hole temperature
EST estimated temperature
LOG log temperature
MWT mine water temperature
CFM coal field measurement
DST drill-stem test measurement
PRO production test measurement
VST virgin strata temperature
EQM equilibrium measurement

TIME FROM CIRC. : Time between the end of circulation of drilling mud in the borehole and the temperature measurement. H = hours, D = days, M = months, Y = years.

CORR. TEMP. : Corrected temperature in degrees Centigrade calculated for 'time from circulation' of 6 hours or more, by the method described in Section 2.4.

CORR.TEMP.GRAD. : Corrected mean temperature gradient.

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
ID 1	PORTMORE NO.1	I30690 44347	N55 13 43 W 6 19 13	HF	BGS	65	103	9.4	255	17.8	32.9	BHT			
									436	28.3	43.3	EQM			
(D04SE/001)					IC5				579	35.5	45.1	EQM			
									1482	63.3	36.4	LOG	5H	79.3	47.2
ID 3	LARNE NO 2	I34070 40226	N54 50 54 W 5 48 33	HF	BGS	81	3	9.0	200	19.4	52.0	EQM			
					IC6				400	23.1	35.2	EQM			
(D40SW/002)									600	28.5	32.5	EQM			
									800	32.9	29.9	EQM			
									1000	38.5	29.5	EQM			
									1200	43.0	28.3	EQM			
									1340	46.5	28.0	DST			
									1389	47.2	27.5	DST			
									1400	48.0	27.9	EQM			
									1600	53.5	27.8	EQM			
									1790	51.9	24.0	BHT	10H	57.9	27.3
									1790	53.8	25.0	BHT	16H	56.8	26.7
									1790	54.2	25.3	BHT	21H	55.7	26.1
									1790	54.5	25.4	BHT	28H	55.0	25.7
									1790	55.3	25.9	BHT	31H	55.3	25.9
									1790	55.6	26.0	BHT	47H	55.6	26.0
									1790	55.7	26.1	BHT	52H	55.7	26.1
									1790	56.1	26.3	BHT	72H	56.1	26.3
									1790	57.0	26.8	EST			
									1800	57.7	27.1	EQM			
									2000	62.5	26.8	EQM			
									2535	63.3	21.4	BHT	13H	67.3	23.0
									2535	67.8	23.2	BHT	26H	68.8	23.6
									2535	70.0	24.1	BHT	31H	70.0	24.1
									2535	71.7	24.7	BHT	38H	71.7	24.7
									2535	72.2	24.9	BHT	46H	72.2	24.9
									2535	73.3	25.4	BHT	54H	73.3	25.4
									2535	73.6	25.5	BHT	57H	73.6	25.5
									2535	80.2	28.1	EST			
									2868	80.3	24.9	BHT	11H	85.3	26.6
									2868	79.8	24.7	BHT	16H	82.8	25.7
									2868	84.4	26.3	BHT	22H	85.9	26.8
									2868	85.4	26.6	BHT	26H	86.4	27.0
									2868	85.9	26.8	BHT	35H	85.9	26.8
									2868	88.0	27.5	BHT	55H	88.0	27.5
									2868	91.2	28.7	EST			
IG 1	BELLEEK NO.1	I1948 3591	N54 28 47 W 8 4 54		BGS	76	59	10.1	167	15.2	30.5	BHT	2D	15.2	30.5

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
IH 1	BIG DOG	I20186 34967	N54 23 43 W 7 58 11		MAR	65	184	9.4	1026	33.9	23.9	BHT	2H	-	-
IH 2	GLENOO	I24962 34142	N54 19 13 W 7 14 21		MAR	66	181	9.4	1383	40.6	22.6	BHT	3H	-	-
IH 3	OWENGARR	I2232 3269	N54 11 27 W 7 38 39		MAR	65	103	9.9	1571	43.9	21.6	BHT	2H	-	-
									2035	52.8	21.1	BHT	2H	-	-
IH 4	WILSON BRIDGE 3	I2887 3476	N54 22 6 W 6 38 8	GEOCH	BGS	76	32	10.3	150	14.1	25.3	BHT	24H	14.1	25.3
									166	11.5	7.2	DST			
									200	16.9	33.0	BHT	24H	16.9	33.0
									250	18.3	32.0	BHT	24H	18.3	32.0
									292	19.5	31.5	BHT	24H	19.5	31.5
IH 5 (H86NE/001)	KILLARY GLEBE 1	I28694 36788	N54 33 21 E 6 41 10	HF	GSN	79	51	9.0	1155	52.6	37.7	LOG	2H	-	-
IJ 1	LANGFORD LODGE	I30908 37462	N54 36 28 W 6 18 30		BGS	57	21	9.9	1020	47.8	37.2	LOG			
IJ 2	BALLYCARRY A1	I3463 3941	N54 46 23 W 5 43 33		ICI	65	8	10.0	593	33.9	40.3	BHT			
IJ 3	CASTLE DOBBS	I3438 3907	N54 44 34 W 5 45 58		ICI	65	83	9.5	398	37.8	71.1	BHT			
IJ 4	LISBURN NO.2	I3249 3669	N54 32 2 W 6 4 4		BGS	75	108	9.4	166	13.3	23.5	BHT	31Y	13.3	23.5
IJ 5 (J49NE/001)	NEWMILL	I34604 39495	N54 46 52 W 5 43 47		MAR	71	14	9.9	759	33.3	30.8	BHT	4H	-	-
									1969	50.0	20.4	BHT	6H	57.0	23.9

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
IJ 9 (J09NE/001)	BALLYMACILROY 1	I30574 39761	N54 47 15 E 6 19 50	HF	GSN IC6	79	73	9.0	201 401 494 1325 1542 1911 1976 2236	16.7 23.9 27.2 59.8 62.0 66.0 68.0 77.8	38.3 37.2 36.8 38.3 34.4 29.8 29.9 30.8	EQM EQM EQM EQM DST DST DST LOG	12H	81.8	32.6
NC 3	ALTNABREAC ALA	29990 94528	N58 23 5 W 3 42 43		BGS	79	155	8.1	299	10.3	7.4	LOG	54D	10.3	7.4
NC 4	ALTNABREAC ALC	29939 94291	N58 21 48 W 3 43 11		BGS	79	219	7.7	301	8.8	3.7	LOG	15D	8.8	3.7
NC 10	LOTHBEG NO 1	2946 9095	N58 3 44 W 3 47 11		PCO	80	6	9.0	736	40.6	42.9	BHT			
ND 8	ALTNABREAC ALB	30232 94167	N58 21 10 W 3 40 9		BGS	79	153	8.1	282	10.1	7.1	LOG	96D	10.1	7.1
NJ 2 (NJ62SE/004)	BENNACHIE	36690 82110	N57 16 46 W 2 32 57		BGS	82	229	8.1	294	14.0	20.1	BHT			
NO 9	BALFOUR	3323 7003	N56 11 26 W 3 5 27	HF	BEN	07	40	9.5	543 722 902 1083 1205	18.5 22.4 26.5 29.9 33.4	16.6 17.9 18.8 18.8 19.8	EQM EQM EQM EQM EQM			
NO 14 (NO30SE/195)	WINDYGATES	33510 70034	N56 11 28 W 3 2 45		NCB	78	61	9.1	1298	30.0	16.1	BHT			
NO 16	MOUNT BATTOCK	3543 7905	N57 0 13 W 2 45 9		BGS	82	220	8.2	263	14.0	22.1	BHT	36H	14.0	22.1
NO 18 (NO49NW/003)	BALLATER	34000 79850	N57 4 26 W 2 59 23		BGS	82	220	8.2	296	14.0	19.6	BHT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
NS 2 (NS87SW/022)	RASHIEHILL	28386 67301	N55 56 9 W 3 51 33		BGS	52	153	9.1	964	34.4	26.2	LOG			
NS 3	CLACHIE BRIDGE	26447 68368	N56 1 36 W 4 10 30	HF	BGS	76	271	8.4	300	13.2	16.0	LOG			
NS 5 (NS86SW/089)	SALSBURGH 1A	28166 66486	N55 51 44 W 3 53 27	GEOCH	GAS	64	223	8.7	874 883	29.0 30.0	23.2 24.1	DST BHT			
NS 7 (NS65NE/006)	HALLSIDE	26694 65975	N55 48 45 W 4 7 24		BGS	76	54	9.7	350	11.8	6.0	LOG	60H	11.8	6.0
NS 9 (NS98SE/013)	GRANGEMOUTH DOCK	29513 68387	N56 2 10 W 3 40 59		NCB		5	10.0	1134	45.0	30.9	BHT			
NS 10	SOUTH BALGRAY	250 675	N55 56 41 W 4 24 8	HF	BEN	39	30	8.1	137 160	14.5 15.3	46.7 45.0	EQM EQM			
NS 12	BLYTHSWOOD	25003 66823	N55 53 1 W 4 23 52	HF	BEN	39	2	8.1	105	12.0	37.1	EQM			
NS 19	DOUGLAS COL.	U2830 6300	N55 32 58 W 3 51 17	GEOCH	NCB		194	8.8	239	12.2	14.2	MWT			
NS 34	SOLSGIRTH COL.	29777 69329	N56 7 17 W 3 38 40	GEOCH	NCB	74	80	9.5	387	21.5	31.0	MWT			
NS 43	BOGSIDE COL.	29564 68778	N56 4 17 W 3 40 35	GEOCH	NCB	74	61	9.6	334	17.0	22.2	MWT			
NS 48	HIGHHOUSE COL.	25321 67202	N55 55 7 W 4 20 57	GEOCH	NCB	75	76	9.5	436	18.0	19.5	MWT			
NS 51	BARONY COL.	25105 61971	N55 26 54 W 4 21 19	GEOCH	NCB	76	138	9.2	411	17.0	19.0	MWT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
NS 55	KILLOCH COL.	24883 62130	N55 27 43 W 4 23 28	GEOCH	NCB	76	130	9.2	655	17.0	11.9	MWT			
NS 63	POLKEMMET COL.	29190 66278	N55 50 46 W 3 43 36	GEOCH	NCB	76	244	8.5	549	17.0	15.5	MWT			
NS 79 (NS83SE/039)	EGGERTON DIV 2	28504 63171	N55 33 55 W 3 49 23		NCB	78	230	8.6	410	14.0	13.2	BHT			
NS 85 (NS99NW/190)	TILLYCOUTRY NO 2	29276 69653	N56 8 58 W 3 43 35		NCB	78	20	9.9	510	18.0	15.9	BHT			
NS 86 (NS89NE/099)	TULLIBODY NO 1	28601 69594	N56 8 33 W 3 50 5		NCB	78	16	9.9	325	16.0	18.8	BHT			
NS 95 (NS99SW/292)	GARTLOVE NO 2	29403 69267	N56 6 54 W 3 42 15		NCB	77	65	10.0	404	15.6	13.9	BHT	15H	16.6	16.3
NS 97 (NS99SW/290)	GARTENKEIR	29267 69486	N56 8 3 W 3 43 37		NCB	77	223	8.7	488	16.0	15.0	BHT			
NS109 (NS99NW/188)	SHANNOCK HILL	29338 69512	N56 8 12 W 3 42 57		NCB	77	317	8.1	497	18.0	19.9	BHT			
NS120 (NS98NW/195)	PIPERSINK	29307 68911	N56 4 58 W 3 43 6		NCB	77	28	9.8	408	20.2	25.5	BHT			
NS125 (NS89NE/100)	GLENOCHILL	28769 69617	N56 8 42 W 3 48 28		NCB	78	10	9.9	628	30.0	32.0	BHT			
NS138 (NS66NW/326)	QUEENSLIE NO 4	26466 66598	N55 52 4 W 4 9 47		NCB	52	78	9.5	691	36.0	38.4	BHT			
NS141 (NS42SE/004)	SLATEHOLE	24906 62342	N55 28 52 W 4 23 19		NCB	54	81	9.5	1024	40.0	29.8	BHT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
NS144 (NS83SW/204)	GALLOWKNOWE	28388 63118	N55 33 37 W 3 50 28		NCB	79	194	8.8	1261 1261	32.2 35.0	18.6 20.8	LOG BHT	10H 10H	34.7 37.5	20.5 22.8
NS149 (NS83NE/083)	STONEYKNOWES	28817 63570	N55 36 7 W 3 46 30		BGS	79	256	8.5	277	13.5	18.1	BHT	47H	13.5	18.1
NS154 (NS86SW/330)	CRAIGHEAD NO1	28267 66212	N55 50 17 W 3 52 25		TAW	81	263	8.4	977	35.0	27.2	BHT	2H	-	-
NS155	MARYHILL(GLASGOW)	25718 66856	N55 53 20 W 4 17 2	HF	IC6	83	55	9.7	303	20.0	34.0	EQM			
NS901	COMRIE	29767 69501	N56 8 13 W 3 38 37		NCB		75	9.5	850	30.0	24.1	VST			
NT 3 (NT46NE/073)	SPILMERSFORD	34570 66902	N55 54 40 W 2 52 7		BGS	67	75	9.5	877	27.8	20.9	BHT	2H	-	-
NT 5 (NT36SE/010)	MIDLOTHIAN NO.1	3363 6647	N55 52 16 W 3 1 5		ESO		232	8.6	747	37.8	39.1	LOG			
NT 6 (NT77SE/009)	BIRNIEKNOWES	37580 67317	N55 57 3 W 2 23 15		BGS	68	38	9.3	372	23.9	39.2	LOG			
NT 7 (NT95NE/005)	MARSHALL MEADOWS	39797 65686	N55 48 18 W 2 1 56	HF	IC5	71	65	9.1	227	11.5	10.6	EQM			
NT 11 (NT36NE/133)	COUSLAND NO.5	33774 66773	N55 53 55 W 2 59 44		B.P	54	165	9.0	585	17.8	15.0	BHT			
NT 12 (NT36NE/241)	COUSLAND NO.6	33835 66801	N55 54 4 W 2 59 9		B.P	60	167	9.0	582	23.9	25.6	BHT			
NT 13 (NT07NE/227)	PUMPHERSTON	30733 66979	N55 54 44 W 3 28 57	GEOCH	B.P	63	125	9.3	1037 1175	34.0 36.7	23.8 23.3	DST BHT			

INDEX NO. (EGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
NT 14 (NT39NW/136)	LOCHEAD	33219 69659	N56 9 26 W 3 5 30		NCB	57	146	9.7	1167	30.4	17.7	BHT			
NT 15	BORELAND NO.1	33040 69420	N56 8 8 W 3 7 12	HF	AND	39	61	9.6	1007	29.8	20.1	EQM			
NT 16 (NT39NW/016)	MACKIES MILL	33050 69795	N56 10 9 W 3 7 9		NCB	58	44	9.7	219 960	24.0 33.3	65.3 24.6	BHT BHT			
NT 17 (NT29NE/069)	THORNTON BRIDGE	32889 69722	N56 9 44 W 3 8 42		NCB		51	9.7	665	28.0	27.5	BHT			
NT 18 (NT29NE/068)	THORNTON FARM	32969 69761	N56 9 58 W 3 7 56		NCB		48	9.7	1055	38.0	26.8	BHT			
NT 19 (NT37SW/246)	EASTFIELD BORE 1	33264 67297	N55 56 42 W 3 4 43		NCB	77	4	10.0	684 1028	29.4 26.0	28.4 15.6	BHT BHT	29H	29.4	28.4
NT 26	BILSTON GLEN COL	32996 66320	N55 51 24 W 3 7 8	GEOCH	NCB	73	137	9.2	670	15.0	8.7	MWT			
NT 27	LADY VICTORIA CO	33294 66666	N55 53 18 W 3 4 20	GEOCH	NCB	74	58	9.7	768	18.0	10.8	MWT			
NT 33 (NT26SW/081)	AUCHENDINNY	32496 66125	N55 50 19 W 3 11 54		NCB	79	167	9.0	459	18.0	19.6	BHT			
NT 51 (NT39NW/381)	WELLSGREEN	33342 69833	N56 10 22 W 3 4 20		NCB	79	49	9.7	1485 1485	38.9 42.3	19.7 22.0	BHT LOG			
NT 56	LIVINGSTON	3018 6691	N55 54 18 W 3 34 15	HF	OX3	77	160	9.0	640	27.0	28.1	EQM			
NT 58 (NT36SE/518)	STEWART	33633 66476	N55 52 19 W 3 1 3		LAS	81	831	5.0	942	28.9	25.4	BHT	5H	37.9	34.9

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
NT901	FRANCES	33214 69050	N56 6 9 W 3 5 28		NCB		-21	9.0	841	29.0	23.8	VST			
NT902	MONKTONHALL	33242 67053	N55 55 23 W 3 4 54		NCB	72	46	9.7	866	25.5	18.2	VST			
NT903	SEAFIELD	33150 68923	N56 5 28 W 3 6 4		NCB		-24	9.0	789	29.0	25.3	VST			
NX 2	CASTLE DOUGLAS	2717 5550	N54 52 24 W 3 59 59		OX5		137	9.2	231	14.7	23.8	EQM			
NY 3	ARCHERBECK (NY47NW/014)	34157 57815	N55 5 39 W 2 54 56		BGS	55	96	9.4	1365	61.2	37.9	LOG			
NY 5	ROOKHOPE (NY94SW/001)	39376 54278	N54 46 47 W 2 5 49	HF	BOT	64	323	8.1	152	16.6	55.9	EQM			
									215	19.9	54.9	EQM			
									273	22.2	51.6	EQM			
									366	26.3	49.7	EQM			
									427	28.5	47.8	EQM			
									488	30.4	45.7	EQM			
									549	32.4	44.3	EQM			
									610	34.4	43.1	EQM			
									671	36.4	42.2	EQM			
									731	38.3	41.3	EQM			
									792	40.3	40.7	EQM			
									806	40.7	40.4	EQM			
NY 6	FERNEYRIGG (NY98SE/013)	39579 58364	N55 8 49 W 2 3 57		BGS	74	237	8.1	426	16.0	18.5	LOG			
NY 11	SILLOTH NO.1 (NY15SW/001)	31230 55484	N54 52 50 W 3 22 1		ULT	73	6	10.0	727	28.0	24.8	BHT	3H	-	-
									1335	68.0	43.4	BHT	6H	80.0	52.4
NY 16	ROWANBURNFOOT	34103 57575	N55 4 21 W 2 55 25		NCB		32	9.8	876	47.0	42.5	BHT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
NY 17 (NY37SE/001)	WOODHOUSELEES	33911 57496	N55 3 55 W 2 57 12		NCB	56	58	9.7	1036	26.7	16.4	BHT			
NY 31 (NY37NE/006)	KNOTTYHOLM	33950 57715	N55 5 6 W 2 56 52		NCB	54	43	10.0	519	29.7	38.0	BHT			
NY 32 (NY37NE/015)	BROADMEADOWS	33766 57627	N55 4 36 W 2 58 36		NCB	79	80	9.5	788	27.8	23.2	BHT	13H	29.3	25.1
NY 37	SILLOTH NO2	31241 55438	N54 52 35 W 3 21 55	HF	IC6	82	5	10.0	199	15.6	28.1	EQM			
									340	19.8	28.8	EQM			
					BGS				351	21.0	31.3	BHT	6H	28.0	51.3
NY 40	BECKLEES	33520 57160	N55 2 5 W 3 0 50	HF	IC6	83	100	9.4	199	12.1	13.6	EQM			
					NCB				401	15.6	15.5	EQM			
									584	18.5	15.6	EQM			
									1371	36.2	19.5	LOG			
NY 41	BECKHALL	33392 57573	N55 4 18 W 3 2 6		NCB	80	96	9.4	421	15.6	14.7	BHT			
NY 42	EVERTOWN	33639 57594	N55 4 26 W 2 59 47		NCB	80	93	9.4	780	32.2	29.2	BHT			
NY 43	GLANZIERFOOT	33651 57427	N55 3 32 W 2 59 39		NCB	80	212	8.7	866	27.8	22.1	LOG			
NY 44	STAFFLER	33297 57227	N55 2 25 W 3 2 57		NCB	80	52	9.7	711	29.4	27.7	BHT			
NZ 1 (NZ71NE/009)	STAITHES NO.1	47696 51852	N54 33 20 W 0 48 38		ICI	65	63	9.6	1173	37.4	23.7	LOG			
NZ 3 (NZ02NE/004)	WOODLAND	40914 52763	N54 38 37 W 1 51 30	HF	BOT	62	285	8.3	197	16.1	39.6	EST			
									283	20.1	41.7	EST			
									368	24.8	44.8	EST			
									488	29.7	43.9	EST			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (BGS REF)	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
NZ 4	THROCKLEY NO 1 (NZ16NW/028)	41456 56762	N55 0 10 W 1 46 20		BGS	65	100	9.4	591	24.7	25.9	LOG	6H	31.7	37.7
NZ 5	NEWTON MULGRAVE (NZ71SE/003)	47739 51360	N54 30 42 W 0 48 16	GEOCH	B.P	65	215	8.7	1357 1465 1476	59.4 64.4 71.1	37.4 38.0 42.3	DST DST DST			
NZ 8	RALPH CROSS (NZ60SE/001)	46759 50243	N54 24 45 W 0 57 29	GEOCH	HOC	66	397	7.6	940 1632	37.8 50.0	32.1 26.0	BHT BHT			
NZ 12	WHITLEY BAY (NZ37SW/056)	43498 57485	N55 4 0 W 1 27 7		SAF	67	5	10.0	1052	32.2	21.1	BHT			
NZ 13	SEAL SANDS (NZ52SW/236)	4538 5238	N54 36 23 W 1 10 1		MON		11	9.9	4170	104.0	22.6	BHT	28H	104.5	22.7
NZ 14	YP 1 (NZ90NW/003)	49226 50878	N54 27 57 W 0 34 35		Y.P	67	87	9.5	1351	41.0	23.3	BHT	2H	-	-
NZ 15	YP 2 (NZ90NW/005)	49399 50637	N54 26 37 W 0 33 1		Y.P	68	167	9.0	1264	42.2	26.3	BHT			
NZ 16	YP 3 (NZ90NW/004)	49181 50669	N54 26 49 W 0 35 2		Y.P	68	124	9.3	1360	45.0	26.2	BHT			
NZ 17	YP 4 (NZ90NW/004)	49245 50801	N54 27 32 W 0 34 25		Y.P	70	105	9.4	1387	42.2	23.6	BHT	7H	47.2	27.3
NZ 18	YP 5 (NZ80NE/009)	48957 50685	N54 26 56 W 0 37 6		Y.P	70	146	9.1	1311	39.0	22.8	BHT	2H	-	-
NZ 19	YP 6 (NZ80NE/010)	48960 50894	N54 28 3 W 0 37 2		Y.P	70	47	9.7	1341	42.2	24.2	BHT			
NZ 20	YP 7 (NZ90NW/007)	49437 50737	N54 27 10 W 0 32 39		Y.P	70	128	9.2	1317	44.0	26.4	BHT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
NZ 21 (NZ90NW/008)	YP 8	49154 50792	N54 27 29 W 0 35 15		Y.P	70	83	9.5	1413	45.0	25.1	BHT			
NZ 22 (NZ90SE/006)	YP 12	49663 50130	N54 23 52 W 0 30 40		Y.P	71	259	8.4	1372	40.0	23.0	BHT			
NZ 26 (NZ80SE/001)	ESKDALE NO.11	48544 50424	N54 25 34 W 0 40 58		B.P	58	283	8.3	1481	71.1	42.4	BHT			
NZ 27 (NZ80NE/004)	ESKDALE NO.12	4857 5082	N54 27 43 W 0 40 36		B.P	63	102	9.4	1219	33.3	19.6	LOG	1H	-	-
									1219	43.3	27.8	LOG	8H	47.3	31.1
									1219	44.7	29.0	LOG	14H	46.2	30.2
									1695	43.3	20.0	LOG	1H	-	-
									1873	41.1	16.9	BHT	1H	-	-
NZ 28 (NZ36NE/80)	HARTON	43966 56562	N54 59 1 W 1 22 48	GEOCH	B.P	60	17	9.9	1322	44.8	26.4	DST			
									1768	68.9	33.4	LOG			
NZ 29 (NZ90SW/002)	ROBIN HOODS BAY	49478 50403	N54 25 21 W 0 32 20		B.P	57	59	9.6	1638	46.7	22.6	BHT			
NZ 30 (NZ52SE/006)	KIRKLEATHAM 1	45879 52127	N54 34 59 W 1 5 25	HF	BN	48	21	9.9	191	16.1	32.5	EQM			
									286	18.4	29.7	EQM			
									381	20.6	28.1	EQM			
									477	22.2	25.8	EQM			
									572	24.3	25.2	EQM			
									668	27.0	25.6	EQM			
									858	29.4	22.7	EQM			
									935	30.4	21.9	EQM			
NZ 31 (NZ61NW/006)	TOCKETTS 1	46314 51803	N54 33 15 W 1 1 25	HF	BH	46	57	9.7	191	15.9	32.5	EQM			
									281	18.9	32.7	EQM			
									429	24.4	34.3	EQM			
									572	27.9	31.8	EQM			
									715	30.6	29.2	EQM			
									810	32.8	28.5	EQM			
									906	35.7	28.7	EQM			
NZ 33 (NZ71NE/007)	BOULBY	4761 5184	N54 33 17 W 0 49 23	HF	OX4		83	9.5	799	33.9	30.5	EQM			
									1087	39.9	28.0	EQM			

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NZ 35 (NZ70SE/001)	EGTON MOOR	47696 50279	N54 24 52 W 0 48 50		B.P	69	296	8.2	1226 1633	30.0 46.1	17.8 23.2	BHT BHT	12H	48.1	24.4
NZ 36 (NZ34NE/038)	SOUTH HETTON	U43812 54525	N54 48 2 W 1 24 25	HF GEOCH	BAR	NC	128	9.3	355 386 416 447 477 508 521 529	18.9 20.4 21.1 22.2 23.6 24.4 24.2 25.0	27.0 28.8 28.4 28.9 30.0 29.7 28.6 29.7	EQM EQM EQM EQM EQM EQM EQM EQM			
NZ 61 (NZ80NW/001)	SLEIGHTS A1	4828 5083	N54 27 47 W 0 43 20		ACI	62	236	8.6	1369	50.6	30.7	LOG			
NZ 79 (NZ81SW/006)	UGTHORPE A19	48142 51171	N54 29 38 W 0 44 34		W P	68	134	9.2	1390	46.1	26.5	LOG			
NZ901 (NZ36SW/020)	BOLDEN COLLIERY	U4346 5623	N54 57 15 W 1 27 35		BAR	NC	25	9.8	1365 1514	23.9 26.1	10.3 10.8	CFM CFM	36H 2M	23.9 26.1	10.3 10.8
SD 1 (SD26NW/019)	ROOSECOTE	32304 46866	N54 6 28 W 3 10 38		BGS	71	37	10.3	791	29.4	24.1	LOG			
SD 3 (SD98SW/001)	RAYDALE	39026 48474	N54 15 29 W 2 8 58	GEOCH HF	BGS OX2	73	268	8.9	285 450 593	19.0 20.9 23.2	35.4 26.7 24.1	DST LOG EQM			
SD 6 (SD93SW/014)	BOULSWORTH	39269 43479	N53 48 33 W 2 6 39	GEOCH	CON	63	426	7.9	1814 1919	57.2 57.2	27.2 25.7	BHT DST	4H	-	-
SD 8 (SD82NE/068)	HOLME CHAPEL 1	38608 42878	N53 45 17 W 2 12 40		QUN	74	272	8.9	1973	60.0	25.9	BHT	10H	66.0	28.9
SD 9 (SD43SW/006)	KIRKHAM	34324 43247	N53 47 7 W 2 51 42	GEOCH HF	OX2	70	12	10.1	405	25.2	37.3	EQM			

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SD 15 (SD88SE/001)	BECKERMONDS SCAR	38635 48016	N54 13 0 W 2 12 33	HF	BGS	76	337	9.5	522	18.0	16.3	LOG	11H	20.0	20.1
SD 18	RED KNOLL	38761 43195	N53 47 0 W 2 11 17		NCB	75	212	9.2	227	14.0	21.1	BHT			
SD 19	SAVILLE FARM	38781 43216	N53 47 7 W 2 11 5		NCB	75	220	9.2	219	17.4	37.4	LOG			
SD 26 (SD85SE/015)	SWINDEN 1	38597 45052	N53 57 1 W 2 12 50		CLU	78	143	9.6	184	21.7	65.8	BHT			
SD 62	WEETON CAMP	33890 43590	N53 48 56 W 2 55 41	HF	BGS IC6	82	20	10.4	297 300	15.8 23.0	18.2 42.0	EQM BHT			
SD 63	THORNTON-CLEVELEY	33314 44409	N53 53 19 W 3 1 3	HF	IC6	83	15	10.4	290	16.6	21.4	EQM			
SD 66	CLITHEROE MHD2	3686 4463	N53 54 42 W 2 28 41	HF	IC6	83	274	8.9	199 341	14.2 18.4	26.6 27.9	EQM EQM			
SD901	ROSEBRIDGE COLL.	3578 4059	N53 32 52 W 2 38 13	HF	BAR	NC	60	10.1	172 503 549 745	18.9 25.6 26.7 34.4	51.2 30.8 30.2 32.6	CFM CFM CFM CFM			
SE 2 (SE49NW/006)	HARLSEY NO. 1	44221 49808	N54 22 34 W 1 20 59	GEOCH	HOC	65	112	9.8	1076	32.2	20.8	BHT			
SE 5 (SE99SW/004)	LOCKTON 2A	49026 49014	N54 17 55 W 0 36 46	GEOCH	HOC	66	234	9.1	1438 2048	43.3 50.0	23.8 20.0	BHT BHT			
SE 6 (SE99SW/003)	LOCKTON 3	4909 4929	N54 19 24 W 0 36 8		HOC	67	119	9.8	1289 2207	38.3 60.0	22.1 22.7	BHT BHT			

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SE 7 (SE88NE/001)	LOCKTON 4	4869 4889	N54 17 17 W 0 39 53		HOC	67	204	9.3	1442 2025	48.3 55.0	27.0 22.6	BHT BHT			
SE 8 (SE89SE/003)	LOCKTON 5	48931 49137	N54 18 36 W 0 37 38	GEOCH	HOC	67	229	9.1	1891	55.6	24.6	BHT			
SE 9 (SE98NW/003)	LOCKTON 6	49096 48762	N54 16 33 W 0 36 11	GEOCH	HOC	68	144	9.6	2001	57.2	23.8	BHT			
SE 10 (SE99SW/005)	LOCKTON 7	49173 49017	N54 17 55 W 0 35 25	GEOCH	HOC	68	221	9.2	2134	54.4	21.2	BHT			
SE 12 (SE79SW/001)	ROSEDALE NO.1	47267 49496	N54 20 41 W 0 52 55	GEOCH	HOC	66	159	9.5	863 1639	40.0 55.0	35.3 27.8	BHT BHT			
SE 13 (SE51NE/001)	ASKERN NO. 1	45651 41502	N53 37 42 W 1 8 43	GEOCH	B.P	57	4	10.5	1457 1467	68.0 70.6	39.5 41.0	DST BHT			
SE 14 (SE70SE/005)	AXHOLME NO. 1	47760 40850	N53 34 2 W 0 49 41		CAN	73	17	10.4	1524	61.1	33.3	BHT	2H	-	-
SE 16 (SE62NW/015)	BARLOW NO 1	46334 42785	N53 44 34 W 1 2 22		CAN	73	5	10.5	1215	47.2	30.2	BHT	4H	-	-
SE 17 (SE76SW/022)	BARTON NO.1	47220 46467	N54 4 21 W 0 53 47		HOC	73	36	10.3	1515	51.7	27.3	LOG	10H	57.7	31.3
SE 18 (SE81NE/002)	BURTON STATHER	48787 41883	N53 39 29 W 0 40 12	GEOCH	B.P	63	61	10.1	1345 1610 1857	43.9 58.0 52.2	25.1 29.8 22.7	BHT DST BHT	6H 5H	50.9 68.2	30.3 31.3
SE 19 (SE80NW/001)	BUTTERWICK NO. 1	48421 40563	N53 32 25 W 0 43 45	GEOCH	B.P	58	122	9.8	1418 1698	71.0 72.2	43.2 36.7	DST BHT			
SE 20 (SE71SE/007)	CROWLE NO. 1	47734 41193	N53 35 52 W 0 49 52	GEOCH	B.P	66	2	10.5	1240 1274	48.0 40.0	30.2 23.2	DST BHT	6H	47.0	28.6

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SE 21	HATFIELD NO. 1	46931 40696	N53 33 15 W 0 57 13	GEOCH	B.P	66	4	10.5	1046	35.0	23.4	BHT	4H	-	-
									1268	50.4	31.5	DST			
	(SE60NE/021)								1601	51.7	25.7	BHT	26H	52.7	26.4
SE 22	HATFIELD NO. 2	46724 40675	N53 33 9 W 0 59 5	GEOCH	B.P	66	5	10.5	1052	43.1	31.0	DST			
									1062	42.8	30.4	DST			
	(SE60NE/022)								1394	46.7	26.0	BHT	6H	53.7	31.0
SE 23	LANGTOFT NO.1	49934 46519	N54 4 22 W 0 28 53	GEOCH	HOC	71	139	9.7	1804	41.6	17.7	DST			
									1945	49.4	20.4	BHT	8H	53.4	22.5
	(SE96NE/004)														
SE 25	NORTH DALTON 1	49381 45277	N53 57 44 W 0 34 11		CAN	72	60	10.1	1506	34.4	16.1	BHT	5H	43.4	22.1
	(SE95SW/006)														
SE 26	POCKLINGTON NO.1	48166 44993	N53 56 20 W 0 45 21		CAN	73	79	10.0	1065	83.3	68.8	BHT	4H	-	-
	(SE84SW/026)														
SE 27	SEATON ROSS NO.1	47702 43840	N53 50 9 W 0 49 47		CAN	73	6	10.5	1013	25.0	14.3	BHT	10H	27.5	16.8
	(SE73NE/004)														
SE 28	SOUTH KIRBY 1	4461 4092	N53 34 37 W 1 18 13		SAF	67	46	10.2	1407	53.3	30.6	BHT	3H	-	-
	(SE40NE/040)														
SE 29	SOUTH CLIFFE 1	48791 43522	N53 48 20 W 0 39 53		CAN	73	10	10.4	1070	58.9	45.3	BHT	3H	-	-
	(SE83NE/008)														
SE 30	AXHOLME NO.2	47934 40297	N53 31 1 W 0 48 11		SCR	73	33	10.3	1433	50.0	27.7	BHT	8H	54.0	30.5
	(SE70SE/006)														
SE 32	WHITWELL	47279 46575	N54 4 56 W 0 53 14	GEOCH	B.P	61	70	10.1	1606	55.0	28.0	DST			
									1812	54.4	24.4	BHT	7H	64.4	30.0
	(SE76NW/008)														
SE 33	WHELDRAKE	46760 44620	N53 54 26 W 0 58 15		CAN	73	12	10.4	1555	51.1	26.2	BHT	8H	59.1	31.3
	(SE64NE/004)														
SE 46	WHENBY	46541 47246	N54 8 37 W 0 59 54		CAN	75	1.05	9.9	1632	47.8	23.2	BHT	2H	-	-
									1632	50.0	24.6	BHT	6H	57.0	28.9
	(SE67SE/007)								1632	51.1	25.2	BHT	11H	56.1	28.3

INDEX NO.	NAME OF BOREHOLE /LOCALITY (BGS REF)	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SE 47	MILLFIELD (SE64SE/014)	46682 44412	N53 53 19 W 0 59 0		NCB	75	16	10.4	1151	44.2	29.4	LOG			
SE 48	NORTH DUFFIELD (SE63NE/005)	46912 43524	N53 48 31 W 0 57 0	HF	0X2	75	6	10.5	870	31.0	23.6	EQM			
									960	34.7	25.2	EQM			
					NCB				999	37.0	26.5	LOG			
SE 49	BROCKET WOOD (SE54SE/004)	45671 44409	N53 53 22 W 1 8 13		NCB	75	10	10.4	750	31.0	27.5	LOG			
SE 50	SELBY NO.3 (SE63SW/057)	46195 43332	N53 47 32 W 1 3 34		NCB	74	5	10.5	625	27.2	26.7	LOG			
SE 52	TRUMFLEET NO 2 (SE61SW/005)	46035 41247	N53 36 18 W 1 5 16		B P	58	8	10.5	1072	42.2	29.6	BHT			
SE 57	TRUMFLEET NO.1 (SE61SW/079)	46051 41259	N53 36 22 W 1 5 7		B.P	57	6	10.5	1020	36.7	25.7	BHT			
									1579	51.7	26.1	BHT			
SE 58	TRUMFLEET NO.5 (SE61SW/008)	46056 41141	N53 35 43 W 1 5 5		B.P	66	8	10.5	1039	38.3	26.8	BHT			
									1087	43.3	30.2	BHT			
SE 61	WYKEHAM NO.1 (SE98NW/005)	49238 48734	N54 16 23 W 0 34 52	GEOCH	HOC		222	9.2	1387	41.7	23.4	BHT	15H	42.7	24.2
									2015	51.7	21.1	BHT	15H	54.7	22.6
SE 62	LOCKTON NO.8 (SE98NW/004)	49099 48948	N54 17 33 W 0 36 6	GEOCH	HOC	71	244	9.0	1423	43.3	24.1	BHT	10H	45.8	25.9
									2125	55.0	21.6	BHT	3H	-	-
SE 63	CAWOOD COMMON (SE53NE/008)	45639 43549	N53 48 44 W 1 8 36		NCB		8	10.5	586	34.4	40.8	BHT	4H	-	-
SE 65	THORNE COLLIERY (SE71NW/31)	U47062 41590	N53 38 5 W 0 55 55		GRA	21	2	10.5	457	18.2	16.8	LOG	7Y	18.2	16.8
SE 67	SKIPWITH	4664 4437	N53 53 6 W 0 59 23	HF	0X2	78	10	9.5	210	13.1	17.1	EQM			

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SE 68	SKIPWITH BRIDGE	4654 4407	N53 51 30 W 1 0 20	HF	OX2	78	6	9.4	165	12.4	18.2	EQM			
SE 69 (SE63NW/031)	APPROACH FARM	4628 4388	N53 50 29 W 1 2 44	HF	OX2	78	9	9.7	160	12.3	16.2	EQM			
SE 77 (SE35NW/027)	FARNHAM	43469 45996	N54 2 3 W 1 28 13	HF	BGS	79	42	10.2	322	16.4	19.3	LOG	17H	17.4	22.4
SE 78 (SE54SE/011)	NABURN GRANGE	45971 44395	N53 53 17 W 1 5 29		NCB		10	10.4	939	43.3	35.0	BHT	4H	-	-
SE 79	BOOTH FERRY	4739 4258	N53 43 23 W 0 52 48		OX		4	10.5	200 380	13.5 16.5	15.0 15.8	EQM EQM			
SE 82 (SE70NW/050)	HATFIELD MOORS 1	47035 40668	N53 33 6 W 0 56 17		TAW	82	1	10.5	416	23.9	32.2	BHT	7H	28.9	44.2
SE 84 (SE50SW/064)	WARMSWORTH 1	45394 40124	N53 30 17 W 1 11 12		RTZ	82	48	10.2	500 1703	23.3 44.4	26.2 20.1	BHT BHT	7H 24H	28.3 44.4	36.2 20.1
SE 85	BECKWITHSHAW	42728 45186	N53 57 43 W 1 35 3		BGS	83	132	9.7	188	13.0	17.6	BHT			
SE 86 (SE77NE/015)	MALTON 3	47633 47751	N54 11 15 W 0 49 48		TAW	80	32	10.3	1145 1722	50.6 57.8	35.2 27.6	BHT BHT	3H 18H	- 59.8	- 28.7
SE 87	SHIPTON NO.2	45446 45858	N54 1 13 W 1 10 7		NCB	83	15	10.4	555	20.8	18.7	EQM			
SE 88	LOCKTON EAST NO1	49361 48958	N54 17 35 W 0 33 42		TAW	80	82	10.0	1284 1855 1867	40.0 60.0 60.0	23.4 27.0 26.8	BHT BHT BHT	6H 36H 7H	47.0 60.0 70.0	28.8 27.0 32.1
SE901	ROSSINGTON B06	46384 40194	N53 30 36 W 1 2 13		NCB	74	7	10.5	834	29.5	22.8	VST			

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SE902	BRODSWORTH P11	45210 40630	N53 33 1 W 1 12 48		NCB	74	40	10.3	767	31.5	27.6	VST			
SE903	BRODSWORTH T36	45630 40690	N53 33 19 W 1 9 0		NCB	74	12	10.4	770	32.5	28.7	VST			
SE904	BRODSWORTH P03	45480 40630	N53 33 0 W 1 10 22		NCB	74	30	10.3	799	33.0	28.4	VST			
SE905	BRODSWORTH B20	45230 40370	N53 31 37 W 1 12 39		NCB	75	7	10.5	588	26.1	26.5	VST			
SE906	BRODSWORTH B04	45111 40880	N53 34 23 W 1 13 41		NCB	75	69	10.1	760	29.0	24.9	VST			
SE907	MARKHAM MAIN B20	46472 40492	N53 32 12 W 1 1 24		NCB		7	10.5	737	26.6	21.8	VST			
SE908	MARKHAM MAIN B40	46353 40238	N53 30 50 W 1 2 30		NCB		8	10.5	813	27.7	21.2	VST			
SE909	FRICKLEY B68	45100 41053	N53 35 19 W 1 13 46		NCB		15	10.4	690	28.8	26.7	VST			
SE910	KELLINGLEY	45095 42565	N53 43 28 W 1 13 39		NCB		11	10.4	649	31.8	33.0	VST			
SE911	KELLINGLEY	45330 42155	N53 41 14 W 1 11 34		NCB		9	10.4	720	32.9	31.2	VST			
SE912	PECKFIELD	45082 43235	N53 47 5 W 1 13 43		NCB		6	10.5	305	19.1	28.2	VST			
SE913	FRYSTON	44973 42633	N53 43 50 W 1 14 46		NCB		15	10.4	595	29.6	32.3	VST			

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SE914	BRODSWORTH COLL.	U4525 4075	N53 33 40 W 1 12 26		GRA	20	37	10.3	561	25.0	26.2	CFM	2H	-	-
									556	26.1	28.4	CFM	2H	-	-
									658	30.2	30.2	CFM	2H	-	-
									693	31.4	30.4	CFM	2H	-	-
									778	32.7	28.8	CFM	2H	-	-
									774	33.1	29.5	CFM	2H	-	-
SE915	HATFIELD COLL.	U4653 4112	N53 35 35 W 1 0 47		GRA	21	4	10.5	739	31.9	29.0	CFM	24H	31.9	29.0
									739	32.2	29.4	CFM	24H	32.2	29.4
									700	29.9	27.7	CFM	24H	29.9	27.7
									702	29.7	27.4	CFM	24H	29.7	27.4
SE916	BENTLEY COLLIERY	U4570 4075	N53 33 38 W 1 8 21		GRA	21	5	10.5	551	23.6	23.8	CFM	2H	-	-
									624	26.0	24.8	CFM	2H	-	-
									661	27.6	25.9	CFM	2H	-	-
									549	24.2	25.0	CFM	2H	-	-
SH 1	MOCHRAS	25533 32594	N52 48 40 W 4 8 48	HF	BGS	70	3	10.7	308	18.0	23.7	LOG			
	(SH52NE/001)								450	18.6	17.6	EQM			
									648	23.9	20.4	LOG			
									1152	31.4	18.0	LOG	10H	33.9	20.1
									1298	36.7	20.0	LOG			
SH 3	BRYN TEG	26992 33214	N52 52 14 W 3 55 58	HF	OX8	73	188	9.2	240	11.7	10.4	EQM			
	(SH63SE/001)								260	11.9	10.4	EQM			
									280	12.1	10.4	EQM			
									300	12.4	10.7	EQM			
									320	12.6	10.6	EQM			
									340	12.9	10.9	EQM			
SH 4	COED Y BRENIN 49	2747 3258	N52 48 53 W 3 51 33	HF	OX2		171	9.0	450	15.7	14.9	EQM			
SJ 6	WILKESLEY	36286 34144	N52 58 7 W 2 33 11		BGS	60	78	10.0	817	30.0	24.5	BHT			
	(SJ64SW/007)								1286	39.7	23.1	BHT			
									1682	48.9	23.1	BHT			
SJ 12	MILTON GREEN	34374 35692	N53 6 22 W 2 50 25		ESO	65	16	10.9	1054	33.9	21.8	BHT			
	(SJ45NW/009)								1584	40.0	18.4	BHT			
SJ 13	PREES NO.1	3558 3344	N52 54 17 W 2 39 26		TRE	73	90	10.0	1928	54.4	23.0	BHT			
	(SJ53SE/003)								2916	66.7	19.4	BHT			
									3601	73.3	17.6	BHT			
									3828	80.0	18.3	BHT			

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SJ 14 (SJ77NW/004)	KNUTSFORD	37027 37786	N53 17 47 W 2 26 46		GAS	74	41	10.8	3037	58.8	15.8	BHT			
SJ 23	ALLOTMENT	39467 32679	N52 50 17 W 2 4 44		NCB	76	117	9.8	1001 1006 1010	30.7 32.1 31.0	20.9 22.2 21.0	BHT LOG LOG	16H 16H 16H	31.7 33.1 32.0	21.9 23.2 22.0
SJ 24 (SJ92SW/097)	BEACON	39432 32477	N52 49 12 W 2 5 3		NCB	75	94	9.9	902	26.7	18.6	BHT	26H	26.7	18.6
SJ 25	BERRY HILL	39714 32195	N52 47 41 W 2 2 32		NCB	76	77	10.0	777	28.0	23.2	BHT			
SJ 26 (SJ92SE/010)	BRICKLAWN	39766 32360	N52 48 34 W 2 2 4		NCB	74	105	9.9	976	33.9	24.6	BHT	36H	33.9	24.6
SJ 27	DANS ROAD	3353 3451	N52 59 56 W 2 57 51		NCB	76	25	10.3	1151	32.0	18.9	LOG			
SJ 28 (SJ92NW/032)	ENSON	39434 32895	N52 51 27 W 2 5 2		NCB	76	82	10.0	1007	33.2	23.0	LOG			
SJ 29	FIDLERS	37659 31334	N52 43 0 W 2 20 47		NCB	76	148	9.6	900 914	27.4 27.5	19.8 19.6	LOG BHT			
SJ 30 (SJ92SE/012)	HANYARDS	39648 32425	N52 48 55 W 2 3 7		NCB	75	108	9.9	843	25.4	18.4	LOG			
SJ 31	KINGSTON	39473 32334	N52 48 26 W 2 4 41		NCB	75	88	10.0	928	35.4	27.4	LOG			
SJ 32 (SJ74SE/033)	STONYLOW NO.1	37905 34429	N52 59 42 W 2 18 43		NCB	76	124	9.8	464 494	20.0 19.6	22.0 19.8	BHT LOG			
SJ 33 (SJ84SW/079)	SWALLOW CROFT 2	38228 34341	N52 59 14 W 2 15 50		NCB	74	154	9.6	1091	27.2	16.1	BHT	5H	36.2	24.4

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SJ 34 (SJ92NE/003)	TRENT LANE	39855 32558	N52 49 39 W 2 1 17		NCB	73	76	10.0	916	19.3	10.2	LOG			
SJ 35 (SJ84SW/081)	WHITMORE	38078 34218	N52 58 34 W 2 17 10		NCB	75	128	9.7	990 992	27.0 26.8	17.5 17.2	BHT LOG			
SJ 36	WILLOW MOOR	39642 32753	N52 50 41 W 2 3 11		NCB	76	81	10.0	593 594	23.0 22.6	21.9 21.2	BHT LOG			
SJ 37	BRADLEY MILL	3531 3767	N53 17 5 W 2 42 12		OX2		60	9.9	190	13.3	17.9	EQM			
SJ 38 (SJ56SW/010)	CLOTTON	3528 3636	N53 10. 1 W 2 42 22	GEOCH HF	OX2		40	10.4	305	13.4	9.8	EQM			
SJ 39 (SJ56NE/015A)	ORGANSDALE	3551 3683	N53 12 34 W 2 40 20	GEOCH HF	OX2		105	10.4	470	14.7	9.1	EQM			
SJ 40	PRIORS HEYES	3512 3664	N53 11 31 W 2 43 49	GEOCH HF	OX2		30	10.2	340	13.7	10.3	EQM			
SJ 41	HOLFORD	36670 38197	N53 20 0 W 2 30 0	HF	BEN	39	30	10.8	168 213 244 274 305 335 366 387 396	14.2 14.6 15.0 15.2 15.5 15.8 16.0 16.3 16.4	20.2 17.8 17.2 16.1 15.4 14.9 14.2 14.2 14.1	EQM EQM EQM EQM EQM EQM EQM EQM EQM			
SJ 42 (SJ92NE/001)	HOPTON POOL	U395 326	N52 49 52 W 2 4 27		CJ	57	122	10.5	500 786 878 1061	17.5 29.1 31.6 39.0	14.0 23.7 24.0 26.9	VST VST VST VST			

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SJ127	RANTON NO 1	38441 32362	N52 48 34 W 2 13 52		SHL	80	120	9.8	743	30.6	28.0	BHT	12H	32.6	30.7
	(SJ82SW/012)								1166	34.4	21.1	BHT	9H	37.4	23.7
									1852	39.4	16.0	BHT	13H	40.9	16.8
									1852	40.6	16.6	BHT			
									1852	46.7	19.9	BHT	17H	47.7	20.5
SJ129	BLACON EAST A	33789 36686	N53 11 42 W 2 55 47		SHL	81	5	11.0	446	28.3	38.8	BHT	4H	-	-
	(SJ36NE/023)								948	39.4	30.0	BHT	9H	42.4	33.1
									948	43.3	34.1	BHT	22H	43.3	34.1
									1284	44.4	26.0	BHT	4H	-	-
									1284	45.6	26.9	BHT	6H	52.6	32.4
									1284	46.1	27.3	BHT	12H	48.1	28.9
									2268	57.8	20.6	BHT	13H	61.8	22.4
									2268	59.4	21.3	BHT	19H	61.4	22.2
									2268	60.0	21.6	BHT	2D	60.0	21.6
SJ130	NOOKS FARM NO1	39175 35801	N53 7 8 W 2 7 24		SHL	82	322	9.1	714	48.9	55.7	BHT	8H	52.9	61.3
	(SJ95NW/012)								1104	38.9	27.0	BHT	3H	-	-
									1104	40.0	28.0	BHT	11H	42.0	29.8
SJ131	NOOKS FARM 1A	39206 35798	N53 7 7 W 2 7 7		SHL	82	299	9.2	625	48.3	62.6	BHT	6H	55.3	73.8
	(SJ95NW/012)														
SJ132	CREWE	3683 3545	N53 5 11 W 2 28 24	HF	IC6	83	40	10.8	296	19.1	28.0	EQM			
SJ901	FLORENCE COLL.	39098 34251	N52 58 46 W 2 8 4		NCB	75	133	9.7	948	36.7	28.5	VST			
	(SJ94SW/001)														
SJ902	FLORENCE COLL.	39084 34239	N52 58 42 W 2 8 11		NCB	75	137	9.7	986	38.0	28.7	VST			
	(SJ94SW/002)														
SJ903	HOLDITCH COLL.	38223 34770	N53 1 34 W 2 15 54		NCB	75	168	9.5	862	30.5	24.4	VST			
	(SJ84NW/074)														
SJ904	HOLDITCH COLL.	38349 34610	N53 0 42 W 2 14 46		NCB	75	121	9.8	820	26.9	20.9	VST			
	(SJ84NW/146)														
SJ905	HOLDITCH COLL.	38300 34640	N53 0 52 W 2 15 12		NCB	75	128	9.7	869	28.0	21.1	VST			
	(SJ84NW/127)														

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SJ906 (SJ84NW/129)	HOLDITCH COLL.	38306 34733	N53 1 21 W 2 15 9		NCB	75	136	9.7	1133	43.0	29.4	VST			
SJ907 (SJ84NW/113)	SILVERDALE COLL.	38325 34629	N53 0 48 W 2 14 59		NCB	75	123	9.8	445	17.7	17.8	VST			
SJ908 (SJ84SE/061)	HEM HEATH COLL.	38690 34244	N52 58 43 W 2 11 42		NCB	75	116	9.8	960	39.9	31.4	VST			
SJ909 (SJ84SE/059)	HEM HEATH COLL.	38972 34011	N52 57 28 W 2 9 11		NCB	75	145	9.6	970	35.3	26.5	VST			
SJ910 (SJ94SW/020)	HEM HEATH COLL.	39027 34011	N52 57 28 W 2 8 41		NCB	75	148	9.6	801	30.5	26.1	VST			
SJ911 (SJ69SW/046)	PARKSIDE COLL.	36185 39462	N53 26 48 W 2 34 28		NCB	76	30	10.8	808	25.5	18.2	VST			
SJ912 (SJ69NW/040)	PARKSIDE COLL.	36152 39530	N53 27 10 W 2 34 46		NCB	76	30	10.8	698	24.2	19.2	VST			
SJ913 (SJ59SE/039)	BOLD COLL.	35672 39008	N53 24 19 W 2 39 3		NCB	76	84	10.5	1021	31.0	20.1	VST			
SJ914 (SJ59SE/045)	BOLD COLL.	35568 39188	N53 25 17 W 2 40 1		NCB	76	36	10.8	884	28.8	20.4	VST			
SJ915 (SJ69NE/021)	PARSONAGE COLL.	36549 39693	N53 28 3 W 2 31 11		NCB	76	26	10.8	1000	30.5	19.7	VST			
SJ916 (SJ69NW/036)	BICKERSHAW COLL.	36427 39671	N53 27 56 W 2 32 17		NCB	76	30	10.8	834	27.2	19.7	VST			
SJ917	BICKERSHAW COLL.	36574 39660	N53 27 53 W 2 30 57		NCB	76	22	10.9	999	28.2	17.3	VST			

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SJ918	DEEP PIT	U3877 3480	N53 1 44 W 2 11 0		GRA	20	153	9.6	596 641 966 1013 1059	25.1 27.0 36.4 39.1 40.8	26.0 27.1 27.7 29.1 29.5	CFM CFM CFM CFM CFM			
SJ919	WOLSTANTON COLL. (SJ84NE/006)	38739 34827	N53 1 53 W 2 11 17		NCB	75	152	9.6	1100	41.8	29.3	VST			
SJ920	FLORENCE COLL (SJ93NW/057)	39080 33875	N52 56 45 W 2 8 13		NCB	75	156	9.6	521	19.4	18.8	VST			
SJ921	FLORENCE COLL (SJ93NW/056)	39116 33920	N52 56 59 W 2 7 54		NCB	75	170	9.5	728	26.9	23.9	VST			
SJ922	FLORENCE COLL (SJ94SW/047)	39090 34010	N52 57 28 W 2 8 8		NCB	75	166	9.5	954	35.6	27.4	VST			
SJ923	FLORENCE COLL (SJ94SW/001)	39064 34072	N52 57 48 W 2 8 22		NCB	78	170	9.5	1003	37.0	27.4	VST			
SJ924	FLORENCE COLL (SJ93NW/055)	39100 33885	N52 56 48 W 2 8 2		NCB	78	167	9.5	963	35.0	26.5	VST			
SJ925	FLORENCE COLL (SJ94SW/034)	39108 34022	N52 57 32 W 2 7 58		NCB	74	169	9.5	1006	38.6	28.9	VST			
SJ926	FLORENCE COLL (SJ94SW/038)	39136 34282	N52 58 56 W 2 7 43		NCB	75	154	9.6	801	31.6	27.5	VST			
SJ927	HEM HEATH COLL (SJ84SE/054)	38734 34132	N52 58 8 W 2 11 19		NCB	78	101	9.9	652	22.8	19.8	VST			
SJ928	HEM HEATH COLL (SJ84SE/059)	38986 34072	N52 57 48 W 2 9 4		NCB	77	136	9.7	951	34.8	26.4	VST			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SJ929 (SJ84SE/061)	HEM HEATH COLL	38665 34276	N52 58 54 W 2 11 56		NCB	75	105	9.9	937	39.2	31.3	VST			
SJ930 (SJ84NW/001)	SILVERDALE COLL	38248 34719	N53 1 17 W 2 15 40		NCB	76	150	9.6	537	20.4	20.1	VST			
SJ931 (SJ85SE/058)	WOLSTANTON COLL	38554 35222	N53 4 0 W 2 12 57		NCB	78	184	9.9	910	31.3	23.5	VST			
SJ932 (SJ85SE/059)	WOLSTANTON COLL	38534 35211	N53 3 57 W 2 13 8		NCB	78	154	10.1	925	31.8	23.5	VST			
SJ933 (SJ85SE/060)	WOLSTANTON COLL	38525 35088	N53 3 17 W 2 13 12		NCB	78	131	10.2	875	33.1	26.2	VST			
SJ934 (SJ85SE/061)	WOLSTANTON COLL	38636 35172	N53 3 44 W 2 12 13		NCB	77	154	10.1	1036	38.1	27.0	VST			
SJ935 (SJ85SE/062)	WOLSTANTON COLL	38645 35148	N53 3 36 W 2 12 8		NCB	78	153	10.1	1038	38.3	27.2	VST			
SJ936	SNEYD COLLIERY	38716 34941	N53 2 29 W 2 11 29		NCB	56	150	9.6	1051	40.0	28.9	VST			
SJ940 (SJ84NE/004)	SNEYD COLLIERY	38722 34930	N53 2 26 W 2 11 26		NCB	57	148	9.6	1049 1053	39.7 40.1	28.7 29.0	VST VST			
SJ941 (SJ84NE/001)	SNEYD COLLIERY	38720 35070	N53 3 11 W 2 11 28		NCB	56	168	10.0	929	32.2	23.9	VST			
SJ942 (SJ84NE/002)	SNEYD COLLIERY	38715 35080	N53 3 14 W 2 11 30		NCB	56	171	10.0	903	32.9	25.4	VST			
SJ943	SNEYD COLLIERY	38710 35093	N53 3 19 W 2 11 33		NCB	57	170	10.0	954	36.3	27.6	VST			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SJ944 (SJ85SE/015)	VICTORIA COLL	38640 35485	N53 5 25 W 2 12 11		NCB	56	214	9.7	833	25.6	19.1	VST			
SJ945 (SJ85SE/015)	VICTORIA COLL	38625 35480	N53 5 23 W 2 12 19		NCB	56	216	9.7	689	21.4	17.0	VST			
SJ946 (SJ85SE/015)	VICTORIA COLL	38615 35475	N53 5 22 W 2 12 24		NCB	57	216	9.7	680	20.7	16.2	VST			
SJ947	DEEP PIT	38850 34963	N53 2 36 W 2 10 17		NCB	56	175	9.5	609	25.9	26.9	VST			
SJ948	DEEP PIT	38845 34978	N53 2 41 W 2 10 20		NCB	56	173	9.5	651	26.5	26.1	VST			
SJ949	DEEP PIT	38888 34908	N53 2 18 W 2 9 57		NCB	57	164	9.5	604	25.3	26.2	VST			
SJ950	BERRY HILL COLL	38965 34560	N53 0 26 W 2 9 15		NCB	57	138	9.7	900	34.4	27.4	VST			
SK 9 (SK79SE/043)	BECKINGHAM NO 28	47988 39012	N53 24 5 W 0 47 54		B P	80	4	10.5	1040 1040	44.4 45.6	32.6 33.7	BHT BHT	7H	49.4	37.4
SK 12 (SK79SE/004)	BECKINGHAM NO.1	47921 39037	N53 24 14 W 0 48 30	GEOCH	B.P	64	2	10.5	1307 1603 1680	43.9 48.0 46.1	25.6 23.4 21.2	BHT DST LOG	2H	-	-
SK 13 (SK78NE/024)	BECKINGHAM NO.2	47928 38996	N53 24 0 W 0 48 27		B.P	64	3	10.5	1021	34.4	23.4	BHT	10H	36.9	25.9
SK 14 (SK79SE/005)	BECKINGHAM NO.3	47899 39024	N53 24 9 W 0 48 42		B.P	64	3	10.5	1021	59.4	47.9	BHT	9H	66.4	54.8
SK 15 (SK79SE/006)	BECKINGHAM NO.4	47911 39069	N53 24 24 W 0 48 35	GEOCH	B.P	64	3	10.5	969 1319	37.0 45.6	27.3 26.6	DST BHT	4H	-	-

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK 16 (SK79SE/007)	BECKINGHAM NO.5	47952 39056	N53 24 20 W 0 48 13		B.P	64	2	10.5	988	28.9	18.6	BHT	3H	-	-
SK 17 (SK79SE/034)	BECKINGHAM NO.6	47888 39065	N53 24 23 W 0 48 47		B.P	73	4	10.5	1027	59.4	47.6	BHT	6H	71.4	59.3
SK 18 (SK79SE/035)	BECKINGHAM NO.7	47896 39102	N53 24 35 W 0 48 43		B.P	74	3	10.5	1028	59.4	47.6	BHT	12H	63.4	51.5
SK 19 (SK79SE/022)	BECKINGHAM NO.8	47855 39070	N53 24 25 W 0 49 5		B.P	73	3	10.5	1453	66.7	38.7	BHT	10H	72.7	42.8
SK 20 (SK79SE/022A)	BECKINGHAM NO.9D	47855 39070	N53 24 25 W 0 49 5		B.P	75	3	10.5	1118	40.6	26.9	BHT	12H	42.6	28.7
SK 21 (SK79SE/023)	BECKINGHAM NO.10D	47855 39070	N53 24 25 W 0 49 5		B.P	74	3	10.5	1136	35.6	22.1	BHT	16H	36.6	23.0
SK 23 (SK79SE/027)	BECKINGHAM NO.12D	47899 39023	N53 24 9 W 0 48 42		B.P	74	3	10.5	1119	35.0	21.9	BHT	6H	42.0	28.2
SK 24 (SK79SE/029)	BECKINGHAM NO.13D	47899 39023	N53 24 9 W 0 48 42		B.P	74	3	10.5	1161	42.2	27.3	BHT	3H	-	-
SK 25 (SK79SE/024)	BECKINGHAM NO.14D	47855 39070	N53 24 25 W 0 49 5		B.P	75	3	10.5	1224	37.8	22.3	BHT	3H	-	-
SK 26 (SK79SE/025)	BECKINGHAM NO.15D	47855 39070	N53 24 25 W 0 49 5		B.P	74	3	10.5	1113	34.4	21.5	BHT	18H	34.9	21.9
SK 27 (SK79SE/026)	BECKINGHAM NO.16D	47855 39070	N53 24 25 W 0 49 5		B.P	75	3	10.5	1081	38.9	26.3	BHT	9H	41.9	29.0
SK 28 (SK79SE/027)	BECKINGHAM NO.17D	47855 39070	N53 24 25 W 0 49 5		B.P	75	3	10.5	1115	35.0	22.0	BHT	12H	37.0	23.8

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK 29 (SK79SE/032)	BECKINGHAM NO.18	47841 39151	N53 24 51 W 0 49 12		B.P	75	3	10.5	1045	36.1	24.5	BHT	24H	36.1	24.5
SK 30 (SK79SE/031A)	BECKINGHAM NO.19D	47842 39150	N53 24 51 W 0 49 12		B.P	75	3	10.5	1140	41.1	26.8	BHT	10H	43.6	29.0
SK 31 (SK79SE/031B)	BECKINGHAM NO.20D	47842 39150	N53 24 51 W 0 49 12		B.P	75	3	10.5	1169	38.3	23.8	BHT	10H	40.8	25.9
SK 32 (SK67SE/001)	BOTHAMSALL NO.1	46586 37368	N53 15 20 W 1 0 45		B.P	58	34	10.3	1428	53.9	30.5	BHT			
SK 33 (SK67SE/002)	BOTHAMSALL NO.2	46554 37392	N53 15 28 W 1 1 2	GEOCH	B.P	59	40	10.3	1082 1135	42.0 37.8	29.3 24.2	DST BHT			
SK 34 (SK67SE/003)	BOTHAMSALL NO.3	46632 37421	N53 15 37 W 1 0 20	GEOCH	B.P	59	34	10.3	953 1022	38.8 43.0	29.9 32.0	LOG DST			
SK 35 (SK89SE/108)	CORINGHAM NO.1	48931 39273	N53 25 25 W 0 39 21		B.P	58	24	10.4	1661	58.9	29.2	BHT			
SK 36 (SK89SE/109)	CORINGHAM NO.2	48874 39287	N53 25 29 W 0 39 52	GEOCH	B.P	59	17	10.4	1642	55.6	27.5	BHT			
SK 37 (SK89SE/110)	CORINGHAM NO.3	48905 39353	N53 25 50 W 0 39 34		B.P	58	14	10.4	1219	57.8	38.9	BHT			
SK 38 (SK79SE/045)	BECKINGHAM NO 30	47704 39025	N53 24 11 W 0 50 27		B P	80	36	10.3	1169	32.2	18.7	BHT	3H	-	-
SK 39 (SK89SE/111)	CORINGHAM NO.5	48928 39325	N53 25 41 W 0 39 21		B.P	59	19	10.4	1585	54.4	27.8	BHT			
SK 40 (SK89SE/010)	CORINGHAM NO.10	48933 39359	N53 25 52 W 0 39 18		B.P	75	17	10.4	1662	53.9	26.2	BHT	10H	59.9	29.8

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SK 41 (SK89SW/001)	GAINSBOROUGH 1	48326 39026	N53 24 8 W 0 44 51		B.P	59	27	10.3	1730	41.7	18.2	BHT			
SK 43 (SK88NW/025)	GAINSBOROUGH 29	48248 38895	N53 23 26 W 0 45 35		B.P	62	31	10.3	1501	48.3	25.3	BHT	4H	-	-
SK 53 (SK89SW/051)	GAINSBOROUGH 57	48039 39073	N53 24 25 W 0 47 26	GEOCH	B.P	65	3	10.5	1001	36.7	26.2	DST			
SK 54 (SK89SW/052)	GAINSBOROUGH 58	48159 39211	N53 25 9 W 0 46 19		B.P	64	3	10.5	1086	35.6	23.1	BHT	1H	-	-
SK 55 (SK88NW/071)	GAINSBOROUGH 59	48082 38919	N53 23 35 W 0 47 4		B.P	64	2	10.5	1408	42.2	22.5	BHT	7H	47.2	26.1
SK 56 (SK88NW/072)	GAINSBOROUGH 60	48033 38968	N53 23 51 W 0 47 30		B.P	64	3	10.5	1086	29.4	17.4	BHT	8H	33.4	21.1
SK 57 (SK89SW/054)	GAINSBOROUGH 61D	48255 39148	N53 24 48 W 0 45 28		B.P	75	38	10.3	1605 1607	47.8 47.8	23.4 23.3	BHT BHT	6H 15H	54.8 48.8	27.7 24.0
SK 58 (SK89SW/055)	GAINSBOROUGH 62D	48255 39148	N53 24 48 W 0 45 28		B.P	75	38	10.3	1622	47.8	23.1	BHT	11H	49.8	24.4
SK 59 (SK78SE/018)	GROVE NO.1	47523 38070	N53 19 3 W 0 52 14	GEOCH	B.P	60	65	10.1	1423 1567	56.0 48.9	32.3 24.8	DST BHT			
SK 61 (SK45SW/004)	IRONVILLE NO.3	44324 35231	N53 3 57 W 1 21 16		B.P	56	121	9.8	836	33.3	28.1	BHT			
SK 62 (SK45SW/015)	IRONVILLE NO.4	44317 35190	N53 3 44 W 1 21 20	GEOCH	B.P	58	95	9.9	362 463	27.0 26.1	47.2 35.0	DST BHT			
SK 63 (SK87SW/004)	HIGH MARNHAM	48093 37028	N53 13 23 W 0 47 15	GEOCH	B.P	59	9	10.4	1063 1156	43.0 37.2	30.7 23.2	DST BHT			

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SK 64 (SK55NE/001A)	MANSFIELD NO.1	45551 35905	N53 7 31 W 1 10 13	GEOCH	DAR	50	133	9.7	887 1329 1368	42.2 53.0 52.8	36.6 32.6 31.5	BHT DST BHT			
SK 66 (SK79SE/008)	MORTON NO.1	47932 39241	N53 25 20 W 0 48 22	GEOCH	B.P	65	5	10.5	1296 1558 1672	41.7 53.0 45.0	24.1 27.3 20.6	BHT DST BHT	6H 7H	48.7 50.0	29.5 23.6
SK 67 (SK68NW/019)	RANSKILL NO.1	46423 38814	N53 23 9 W 1 2 3	GEOCH	B.P	65	13	10.4	1263 1339 1527 1729	47.6 40.6 43.3 48.3	29.5 22.6 21.5 21.9	DST BHT BHT BHT	 8H 6H 8H	 44.6 50.3 52.3	 25.5 26.1 24.2
SK 68 (SK43NE/009)	STAPLEFORD NO.1	44907 33595	N52 55 6 W 1 16 12		B.P	66	52	10.2	164	13.9	22.6	BHT	2H	-	-
SK 69 (SK78SE/009)	SOUTH LEVERTON 1	47933 38040	N53 18 51 W 0 48 32	GEOCH	B.P	60	8	10.5	1158 1538	45.8 47.2	30.5 23.9	LOG BHT			
SK 74 (SK77NE/020)	SOUTH LEVERTON L	47620 37885	N53 18 3 W 0 51 23		B.P	62	21	10.4	1158	45.8	30.6	LOG			
SK 75 (SK87NE/016)	TORKSEY NO.4	48507 37922	N53 18 10 W 0 43 24		B.P	75	10	10.4	1843 1843 1843 1843	53.3 59.4 61.1 63.9	23.3 26.6 27.5 29.0	BHT BHT BHT BHT	5H 12H 20H 26H	69.3 63.4 62.6 64.9	32.0 28.8 28.3 29.6
SK 76 (SK59SE/002)	TICKHILL	45773 39297	N53 25 48 W 1 7 51		B.P	58	26	10.3	1709	71.7	35.9	BHT			
SK 77 (SK79SE/009)	WALKERINGHAM 1	47555 39190	N53 25 5 W 0 51 47	GEOCH	B.P	59	35	10.3	1664 1935	54.0 64.4	26.3 28.0	DST BHT			
SK 78 (SK79SE/010)	WALKERINGHAM 2	47583 39091	N53 24 33 W 0 51 32	GEOCH	B.P	63	31	10.3	1295 1689	47.2 53.0	28.5 25.3	DST DST			
SK 79 (SK68SE/027)	BABSWORTH	46895 38027	N53 18 52 W 0 57 53		NCB	53	30	10.3	988	39.2	29.3	LOG			

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SK 80	BARNBY MOOR	46630 38364	N53 20 42 W 1 0 14		NCB	60	18	10.4	815 1029	30.6 40.0	24.8 28.8	BHT BHT			
	(SK68SE/016)														
SK 81	BILBY	46385 38338	N53 20 35 W 1 2 27		NCB	61	20	10.4	1015	40.6	29.8	LOG			
	(SK68SW/004)														
SK 82	CARR BANK	46397 35579	N53 5 42 W 1 2 40		NCB	62	66	10.1	942	42.8	34.7	LOG			
	(SK65NW/002)														
SK 83	CLIPSTON	46416 33384	N52 53 52 W 1 2 46		NCB	56	76	10.0	569	19.7	17.0	LOG			
	(SK63SW/008)														
SK 84	COTGRAVE NO.1	46511 33642	N52 55 15 W 1 1 53		NCB	55	46	10.2	585	28.9	32.0	LOG			
	(SK63NE/009)														
SK 85	COTGRAVE NO.3	46494 33595	N52 55 0 W 1 2 2		NCB	55	30	10.3	578	29.4	33.0	LOG			
	(SK63NW/041)														
SK 93	MATTERSEY	46862 38898	N53 23 34 W 0 58 4		NCB	55	8	10.5	1143	50.0	34.6	LOG			
	(SK68NE/016)														
SK 95	NORNAY	46251 38868	N53 23 27 W 1 3 35		NCB	54	14	10.4	930 1088	40.0 50.0	31.8 36.4	LOG LOG	2H 3H	- -	- -
	(SK68NW/012)														
SK 97	PAPPLEWICK	45468 35213	N53 3 47 W 1 11 2	HF	MH	57	92	9.9	240 355 625 695	16.1 19.8 30.1 32.7	25.8 27.9 32.3 32.8	BHT BHT BHT BHT	19H 28H 25H 4H	16.6 19.8 30.1 -	27.9 27.9 32.3 -
	(SK55SW/031)														
SK 99	RANBY CAMP	46638 38075	N53 19 9 W 1 0 12	HF	MH	57	45	10.2	246 357 454 569 636 709 774 846 937 985	14.9 16.7 19.6 23.5 26.8 28.6 31.7 35.9 39.6 41.2	19.1 18.2 20.7 23.4 26.1 26.0 27.8 30.4 31.4 31.5	BHT BHT BHT BHT BHT BHT BHT BHT BHT BHT	12H 12H 16H 16H 14H 12H 17H 18H 16H 16H	16.9 18.7 20.6 24.5 28.3 30.6 32.7 36.4 40.6 42.2	27.2 23.8 22.9 25.1 28.5 28.8 29.1 31.0 32.4 32.5
	(SK68SE/035)														

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SK101	RANBY HALL	46487 38237	N53 20 2	HF	MH	57	30	10.3	154	11.9	10.4	BHT	8H	15.9	36.4
			W 1 1 32						272	14.6	15.8	BHT	13H	16.1	21.3
	(SK68SW/009)								504	21.6	22.4	BHT	12H	23.6	26.4
									616	25.3	24.4	BHT	12H	27.3	27.6
									698	28.8	26.5	BHT	14H	30.3	28.7
									785	32.8	28.7	BHT	15H	33.8	29.9
									829	34.8	29.6	BHT	6D	34.8	29.6
									975	40.3	30.8	BHT	11H	42.3	32.8
SK102	SCAFTWORTH	46761 39167	N53 25 2	HF	MH	57	19	10.4	225	11.7	5.8	BHT	15H	12.7	10.2
			W 0 58 57						355	14.2	10.7	BHT	11H	16.2	16.3
	(SK69SE/010)								442	16.7	14.3	BHT	13H	18.2	17.6
									703	25.4	21.3	BHT	10H	27.9	24.9
									750	27.4	22.7	BHT	12H	29.4	25.3
									830	29.6	23.1	BHT	16H	30.6	24.3
									884	32.3	24.8	BHT	11H	34.3	27.0
									966	35.2	25.7	BHT	14H	36.7	27.2
									1146	43.6	29.0	BHT	14H	45.1	30.3
SK103	TORWORTH	46495 38559	N53 21 46		B.P	53	25	10.3	1848	53.3	23.3	BHT	5H	69.3	31.9
			W 1 1 26						1848	59.4	26.6	BHT	12H	63.4	28.7
	(SK68NW/002)								1849	61.1	27.5	BHT	20H	62.6	28.3
SK104	WEST DRAYTON 2	46986 37404	N53 15 30		NCB	53	29	10.3	980	33.8	24.0	BHT			
			W 0 57 10						1158	38.9	24.7	BHT			
	(SK67SE/030)														
SK105	CALOW NO.1	44084 37041	N53 13 44	GEOCH	B.P	58	125	9.8	621	31.1	34.3	BHT			
			W 1 23 16						1110	46.0	32.6	DST			
	(SK47SW/043)								1133	40.0	26.7	LOG			
SK107	EYAM	42096 37603	N53 16 50	HF	OX2	73	230	8.1	622	11.3	5.1	EQM			
			W 1 41 8												
	(SK27NW/015)														
SK112	HANDSACRE HALL	40884 31558	N52 44 14		NCB	66	76	10.0	689	21.1	16.1	BHT			
			W 1 52 8												
	(SK01NE/059)														
SK113	EGMANTON NO68	47578 36822	N53 12 19		B P	80	38	10.3	1121	45.0	31.0	BHT	4H	-	-
			W 0 51 55						1121	46.1	31.9	BHT	6H	53.1	38.2
	(SK76NE/073)								1121	45.6	31.5	BHT	19H	46.1	31.9
									2160	63.3	24.5	BHT			
									2160	64.4	25.0	BHT	10H	70.4	27.8
									2160	65.6	25.6	BHT	14H	68.6	27.0

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS.	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK115	WOODLANDS FARM	4769 3323	N52 52 56 W 0 51 26		OX		56	10.2	200 350	16.0 19.0	29.0 25.1	EQN EQN			
SK123	APPLEYHEAD NO.1 (SK67NE/013)	46551 37631	N53 16 46 W 1 1 2		B.P	60	42	10.2	1467	48.9	26.4	BHT			
SK124	BLYTON (SK89NW/001)	48434 39555	N53 26 59 W 0 43 47	GEOCH	B.P	61	4	10.5	1709 1824	60.0 50.6	29.0 22.0	DST BHT	8H	58.6	26.4
SK125	BOTHAMSALL NO.4 (SK67SE/004)	46619 37401	N53 15 31 W 1 0 27		B.P	59	41	10.3	1106	43.3	29.8	BHT			
SK126	BOTHAMSALL 5(1) (SK67SE/005)	46659 37344	N53 15 12 W 1 0 6		B.P	59	34	10.3	1388	40.6	21.8	BHT			
SK127	BOTHAMSALL 5(2) (SK67SE/005)	46659 37344	N53 15 12 W 1 0 6		B.P	59	34	10.3	881	40.6	34.4	LOG			
SK128	BOTHAMSALL NO.6 (SK67SE/006)	46551 37355	N53 15 16 W 1 1 4		B.P	59	37	10.3	1147	41.1	26.9	BHT			
SK129	BOTHAMSALL NO.7 (SK67SE/007)	46592 37311	N53 15 2 W 1 0 42		B.P	59	38	10.3	984	33.3	23.4	BHT			
SK130	BOTHAMSALL NO.8 (SK67SE/008)	46584 37397	N53 15 30 W 1 0 46		B.P	59	42	10.2	1028	37.2	26.3	BHT			
SK131	BOTHAMSALL NO.9 (SK67SE/009)	46600 37421	N53 15 37 W 1 0 37		B.P	59	45	10.2	1021	36.7	26.0	BHT			
SK132	BOTHAMSALL NO.10 (SK67SE/010)	46616 37452	N53 15 47 W 1 0 28		B.P	59	41	10.3	1120	39.4	26.0	BHT			
SK133	BOTHAMSALL NO.12 (SK67SE/012)	46571 37424	N53 15 39 W 1 0 53		B.P	60	45	10.2	1042	32.2	21.1	BHT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV. m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK134	BOTHAMSALL NO.13	46727 37381	N53 15 24 W 0 59 29		B.P	59	37	10.3	884	33.3	26.0	BHT			
(SK67SE/013)															
SK135	BOTHAMSALL NO.14	46616 37352	N53 15 15 W 1 0 29		B.P	60	32	10.3	991	35.6	25.5	BHT			
(SK67SE/014)															
SK136	BOTHAMSALL NO.15	46621 37474	N53 15 54 W 1 0 25		B.P	60	38	10.3	1036	38.9	27.6	BHT			
(SK67SE/015)															
SK137	BOTHAMSALL NO.16	46650 37448	N53 15 46 W 1 0 10		B.P	59	35	10.3	992	33.9	23.8	BHT			
(SK67SE/016)															
SK138	BOTHAMSALL NO.17	46643 37296	N53 14 57 W 1 0 15		B.P	60	31	10.3	1034	36.1	25.0	BHT			
(SK67SE/017)															
SK139	BOTHAMSALL NO.18	46608 37281	N53 14 52 W 1 0 34		B.P	60	37	10.3	908	39.4	32.0	LOG			
(SK67SE/018)															
SK140	BOTHAMSALL NO.19	46674 37439	N53 15 43 W 0 59 57	GEOCH	B.P	60	27	10.3	914 1013	37.2 42.0	29.4 31.3	LOG DST			
(SK67SE/019)															
SK141	BOTHAMSALL NO.20	46589 37466	N53 15 52 W 1 0 42		NCB	60	33	10.3	823	39.6	35.6	LOG			
(SK67SE/020)															
SK142	CALOW NO.4	44097 37002	N53 13 31 W 1 23 10		GAS	63	109	9.8	339	28.3	54.6	BHT			
(SK47SW/015)															
SK143	CAUNTON NO.20	47364 36080	N53 8 20 W 0 53 56		B.P	52	55	10.2	730	25.0	20.3	BHT			
(SK76SW/012)															
SK144	CAUNTON NO.21	47363 36033	N53 8 5 W 0 53 57		B.P	53	28	10.3	684	23.3	19.0	BHT			
(SK76SW/013)															
SK145	CAUNTON NO.22	47335 36019	N53 8 1 W 0 54 12		B.P	54	31	10.3	713	29.4	26.8	BHT			
(SK76SW/014)															

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK146	COLSTN BASSET S (SK73SW/001)	47040 33137	N52 52 29 W 0 57 13		NCB	58	37	10.3	640 1053 1066	37.0 40.0 48.9	41.7 28.2 36.2	LOG BHT BHT			
SK147	CORRINGHAM NO.6 (SK89SE/112)	48948 39252	N53 25 18 W 0 39 12		B.P	60	24	10.4	1657	52.2	25.2	BHT			
SK148	CORRINGHAM NO.7 (SK89SE/113)	48962 39298	N53 25 32 W 0 39 3		B.P	60	20	10.4	1734	55.6	26.1	BHT			
SK149	CORRINGHAM NO.8 (SK89SE/114)	48966 39362	N53 25 53 W 0 39 1		B.P	61	18	10.4	1615	58.9	30.0	BHT			
SK150	CORRINGHAM NO.9 (SK89SE/115)	48994 39333	N53 25 44 W 0 38 46		B.P	61	16	10.4	1590	54.4	27.7	BHT	6H	66.4	35.2
SK151	CROPWELL BISHOP (SK63NE/011)	46876 33510	N52 54 31 W 0 58 38		NCB	58	46	10.2	1116	35.6	22.8	BHT			
SK152	CROPWELL BUTLER (SK63NE/012)	46813 33869	N52 56 27 W 0 59 9	GEOCH	NCB	58	60	10.1	963 976	40.0 31.7	31.0 22.1	DST BHT			
SK153	DUKES WOOD NO.19	46777 35985	N53 7 52 W 0 59 12		B.P	54	90	10.0	671	33.9	35.6	BHT			
SK154	EGMANTON NO.9 (SK76NE/008)	47668 36739	N53 11 52 W 0 51 7		B.P	59	28	10.3	1064	43.3	31.0	BHT			
SK155	EGMANTON NO.14 (SK76NE/011)	47699 36774	N53 12 3 W 0 50 50		B.P	56	23	10.4	1009	47.8	37.1	BHT			
SK156	EGMANTON NO.22	47674 36802	N53 12 12 W 0 51 3		B.P	57	17	10.4	1012	35.0	24.3	BHT			
SK157	EGMANTON NO.33 (SK76NW/010)	47399 36907	N53 12 47 W 0 53 30		NCB	57	43	10.2	893	40.6	34.0	LOG			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK159 (SK88NW/067)	GAINSBOROUGH 51D	48196 38982	N53 23 55 W 0 46 2		B.P		19	10.4	1548	48.3	24.5	BHT	5H	57.3	30.3
SK160 (SK98NW/001)	GLENTWORTH NO.1	49312 38806	N53 22 51 W 0 36 0	GEOCH	B.P	61	23	10.4	1594 1826	58.3 60.0	30.1 27.2	BHT DST			
SK161 (SK98NW/002)	GLENTWORTH NO.2	49287 38724	N53 22 24 W 0 36 13	GEOCH	B.P	62	19	10.4	1648 1668	56.0 52.8	27.7 25.4	DST BHT			
SK162 (SK98NW/003)	GLENTWORTH NO.3	49328 38870	N53 23 11 W 0 35 49	GEOCH	B.P	61	33	10.3	1100 1663	46.0 51.1	32.5 24.5	DST BHT	5H	67.1	34.2
SK163 (SK98NW/004)	GLENTWORTH NO.4	49147 38815	N53 22 55 W 0 37 28		B.P	62	25	10.4	1608	50.0	24.6	BHT	4H	-	-
SK164 (SK98NW/005)	GLENTWORTH NO.5	49394 38753	N53 22 33 W 0 35 15	GEOCH	B.P	62	31	10.3	1643 1662	50.0 55.6	24.2 27.3	DST BHT	7H	65.6	33.3
SK165 (SK73NE/004)	GRANBY NO.1	47531 33683	N52 55 24 W 0 52 46		B.P	54	35	10.3	936	28.3	19.2	BHT			
SK166 (SK73NE/005)	GRANBY NO.2	47687 33746	N52 55 43 W 0 51 22		B.P	55	28	10.3	909	29.4	21.0	BHT			
SK167 (SK73NW/004)	LANGAR NO.1	47190 33550	N52 54 42 W 0 55 50	GEOCH	B.P	57	28	10.3	838 900 957	31.1 32.6 38.0	24.8 24.8 28.9	LOG BHT DST			
SK168 (SK73NW/005)	LANGAR NO.2	47165 33574	N52 54 50 W 0 56 3	GEOCH	B.P	58	28	10.3	871 899	34.0 30.0	27.2 21.9	DST BHT			
SK169 (SK73NW/007)	LANGAR NO.4	47215 33535	N52 54 37 W 0 55 37		B.P	58	27	10.3	962	36.7	27.4	BHT			
SK170 (SK73NW/009)	LANGAR NO.6	47088 33612	N52 55 3 W 0 56 44		NCB	58	26	10.3	823 832	42.8 42.2	39.5 38.3	BHT LOG			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK171	SOUTH MILTON (SK77SW/008)	47081 37229	N53 14 33 W 0 56 19		B.P	62	29	10.3	789	40.6	38.4	LOG			
SK173	TUXFORD (SK77SW/007)	47218 37049	N53 13 34 W 0 55 7		B.P	56	78	10.0	1306	62.8	40.4	BHT			
SK174	PATHWAY (SK01NE/102)	40721 31978	N52 46 30 W 1 53 35		NCB	76	96	9.9	406 418	16.0 16.0	15.0 14.6	VST LOG			
SK175	BASSINGFIELD 1 (SK63NW/045)	46122 33722	N52 55 43 W 1 5 20		NCB	61	28	10.3	488	23.6	27.3	LOG			
SK176	BESTHORPE (SK86NW/107)	48245 36543	N53 10 45 W 0 45 58		NCB	76	90	10.0	900	39.0	32.2	BHT			
SK177	BEVERCOTES PARK (SK67SE/034)	46930 37172	N53 14 15 W 0 57 41		NCB	62	27	10.3	866 869	40.0 41.7	34.3 36.1	LOG BHT			
SK178	BINGHAM NO.1 (SK73NW/003)	47252 33935	N52 56 46 W 0 55 13		NCB	59	23	10.4	732	28.3	24.5	LOG			
SK179	BLYTHE (SK68NW/014)	46100 38694	N53 22 31 W 1 4 58		NCB	54	13	10.4	634 1064	27.5 46.4	27.0 33.8	LOG LOG	6H 4H	34.5 -	38.0 -
SK180	CALCROFTS CLOSE (SK83SW/104)	48107 33417	N52 53 54 W 0 47 40		NCB	76	62	10.1	614	25.8	25.6	BHT			
SK181	CASTLE VIEW (SK72NW/009)	47189 32775	N52 50 31 W 0 55 57		NCB	76	64	10.1	573	24.9	25.8	BHT			
SK182	CLAWSON HILL (SK72NW/006)	47237 32575	N52 49 26 W 0 55 32		NCB	76	33	10.3	638	25.6	24.0	BHT			
SK183	EGMANTON 67 (SK76NE/065)	47676 36844	N53 12 26 W 0 51 2		B.P	67	76	10.0	1003	40.0	29.9	BHT	2H	-	-

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK184 (SK83SE/532)	DENTON LODGE	48583 33321	N52 53 20 W 0 43 27		NCB	76	103	9.9	778	27.0	22.0	BHT			
SK185 (SK55SE/016)	DUKES COTTAGE 1	45743 35003	N53 2 39 W 1 8 35		NCB	67	77	10.0	695	27.8	25.6	BHT			
SK186 (SK73NE/009)	EADY FARM	47958 33713	N52 55 31 W 0 48 57	HF	NCB	76	30	10.3	200 250 765	16.0 17.5 35.8	28.5 28.8 33.3	EQM EQM BHT			
SK187 (SK77NW/004)	EATON HALL	47102 37810	N53 17 41 W 0 56 3		NCB	57	20	10.4	981	39.2	29.4	LOG			
SK188 (SK64NW/014)	EPPERSTONE NO.1	46414 34896	N53 2 1 W 1 2 36		NCB	63	37	10.3	716	36.4	36.5	LOG			
SK189 (SK67NE/032)	ELKESLEY	46788 37603	N53 16 35 W 0 58 54		NCB	62	42	10.2	876	41.1	35.3	LOG			
SJ2-5 (SK77SW/005)	C:SDTP_E .NNU 4	08573 48273	[64 20 23 .'5 67 45		[AF	68	67	25M3	964	4-MO	40M3	DNY			
SK191 (SK85NE/015)	FLAWFORD FARM	48587 35528	N53 5 15 W 0 43 3		NCB	75	17	10.4	757	29.8	25.6	LOG			
SK192 (SK55SE/014)	FOREST LANE	45548 35104	N53 3 12 W 1 10 19		NCB	67	83	10.0	698	30.0	28.7	BHT			
SK193 (SK63NW/044)	GAMSTON	46031 33774	N52 56 0 W 1 6 9		NCB	61	24	10.4	454	25.0	32.2	BHT	3H	-	-
SK194 (SK46NE/019)	GLAPWELL VILLAGE	44823 36639	N53 11 31 W 1 16 40		NCB	59	177	9.4	381	21.1	30.7	LOG			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK195	GOOSEDALE FARM	45638 34942	N53 2 19	HF	MH	57	91	10.0	191	13.8	19.9	BHT	25H	13.8	19.9
			W 1 9 32						265	16.0	22.6	BHT	27H	16.0	22.6
	(SK54NE/022)								364	19.5	26.1	BHT	26H	19.5	26.1
									534	25.3	28.7	BHT	16H	26.3	30.5
SK196	GROVE PARK	47307 37883	N53 18 4		NCB	76	45	10.2	1084	35.5	23.3	BHT			
			W 0 54 12												
	(SK77NW/015)														
SK197	GUNTHORPE GRANGE	46724 34482	N52 59 46		NCB	62	17	10.4	674	32.8	33.2	LOG			
			W 0 59 52						677	32.2	32.2	BHT			
	(SK64SE/023)														
SK198	HARBY HILL	47643 32705	N52 50 6		NCB	76	148	9.6	803	27.7	22.5	LOG			
			W 0 51 54												
	(SK72NE/044)														
SK199	HARSTON HALL	48318 33185	N52 52 38		NCB	76	75	10.0	686	33.4	34.1	BHT			
			W 0 45 50												
	(SK83SW/102)														
SK200	HARTSWELL	46445 35444	N53 4 58		NCB	61	66	10.1	924	35.3	27.3	LOG			
			W 1 2 16												
	(SK65SW/016)														
SK201	HICKLING BRIDGE	46895 32987	N52 51 41		NCB	76	41	10.3	544	22.5	22.4	BHT			
			W 0 58 32												
	(SK62NE/001)														
SK202	HILLS FARM	47099 33233	N52 53 0		NCB	76	30	10.3	676	26.6	24.1	BHT			
			W 0 56 41												
	(SK73SW/005)														
SK203	HOLME GRANGE	46121 33866	N52 56 29		NCB	62	21	10.4	479	24.4	29.2	LOG			
			W 1 5 20												
	(SK63NW/043)														
SK204	HOLWELL MOUTH	47270 32415	N52 48 34		NCB	76	153	9.6	679	27.8	26.8	BHT			
			W 0 55 17												
	(SK72SW/042)														
SK205	KING JOHN	45995 36426	N53 10 18		NCB	68	82	10.0	930	29.4	20.9	BHT	2H	-	-
			W 1 6 10												
	(SK56SE/007)														

INDEX NO.	NAME OF BOREHOLE /LOCALITY (BGS REF)	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK206	KIRTON (SK66NE/008)	46988 36914	N53 12 52 W 0 57 12		NCB	58	53	10.2	835	36.7	31.7	LOG			
SK207	KNEESHALL (SK76SW/020)	47135 36438	N53 10 17 W 0 55 56		NCB	57	88	10.0	814	35.0	30.7	LOG			
SK208	REDMILE BRIDGE (SK73NE/011)	47947 33568	N52 54 44 W 0 49 5		NCB	76	41	10.3	677	26.8	24.4	BHT			
SK209	ROTHERWOOD (SK31NW/260)	43458 31559	N52 44 11 W 1 29 16		BGS	77	107	9.9	198	14.0	20.7	BHT			
SK210	LAXTON (SK76NW/036)	4715 3671	N53 11 46 W 0 55 42		NCB	57	78	10.0	902	40.0	33.3	LOG			
SK211	LONGDALE LANE (SK55SE/032)	45736 35230	N53 3 52 W 1 8 37		NCB	68	122	9.8	762	26.7	22.2	BHT	3H	-	-
SK212	LOUND (SK78NW/002)	47044 38585	N53 21 52 W 0 56 28		NCB	57	9	10.4	1052	41.1	29.2	LOG			
SK213	MAPLE BECK (SK76SW/025)	47156 36066	N53 8 16 W 0 55 48		NCB	76	41	10.3	642	25.0	22.9	LOG			
SK214	MEADOW LANE (SK73SW/007)	47282 33006	N52 51 46 W 0 55 5		NCB	76	40	10.3	652	24.5	21.8	BHT			
SK215	MILL MOUNT (SK77SW/032)	47303 37196	N53 14 21 W 0 54 20		NCB	73	68	10.1	858	32.2	25.8	BHT	4H	-	-
SK216	MISSON (SK69NE/008)	4695 3958	N53 27 14 W 0 57 11	HF	MH	57	6	10.5	787	24.4	17.7	BHT	9H	27.4	21.5
									851	26.9	19.3	BHT	20H	27.4	19.9
									930	30.3	21.3	BHT	14H	31.8	22.9
									982	32.5	22.4	BHT	16H	33.5	23.4
									1104	37.2	24.2	BHT	19H	37.7	24.6
									1192	40.9	25.5	BHT	52H	40.9	25.5

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK217 (SK66SE/115)	NORTH LAITHES	46758 36429	N53 10 16 W 0 59 19		NCB	76	74	10.1	655	25.4	23.4	LOG			
SK218 (SK66NE/011)	OLLERTON COLL.	4672 3665	N53 11 27 W 0 59 38		NCB	76	76	10.0	610 610	32.5 30.5	36.9 33.6	VST VST			
SK220 (SK73SE/023)	PLUNGAR NO.23	47630 33194	N52 52 45 W 0 51 57		NCB	59	59	10.1	853	30.0	23.3	BHT			
SK222 (SK65SW/019)	SALTERFORD FARM	46057 35283	N53 4 8 W 1 5 45		NCB	61	75	10.1	810	31.5	26.4	LOG			
SK224 (SK86NE/027)	SWINDERBY	48739 36620	N53 11 7 W 0 41 31		NCB	76	17	10.4	964	34.0	24.5	BHT	1H	-	-
SK225 (SK83SW/101)	TERRACE HILLS	48028 33173	N52 52 36 W 0 48 25		NCB	76	143	9.6	793	30.2	26.0	BHT			
SK226 (SK67NE/031)	TWYFORD BRIDGE	46980 37545	N53 16 16 W 0 57 11		NCB	62	23	10.4	907	38.9	31.4	BHT			
SK227 (SK72NE/045)	WALTHAM LANE	47961 32754	N52 50 20 W 0 49 4		NCB	76	144	9.6	768	29.5	25.9	BHT			
SK228 (SK57SE/010)	WELBECK COLLIERY	45802 37004	N53 13 26 W 1 7 51		NCB	60	70	10.1	942	38.3	29.9	LOG			
SK229 (SK75NW/013)	WHEATGRASS	47367 35543	N53 5 26 W 0 53 59		NCB	76	36	10.3	629	24.0	21.8	BHT	12H	26.0	25.0
SK230 (SK86NW/076)	WIEGSLEY	48473 36981	N53 13 5 W 0 43 50		NCB	76	7	10.5	1000	36.0	25.5	BHT			
SK231 (SK72NE/041)	WILLOW FARM	47543 32948	N52 51 25 W 0 52 46		NCB	76	66	10.1	716	27.8	24.7	BHT			

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SK232 (SK78NW/008)	WISETON	47171 38924	N53 23 41 W 0 55 17		NCB	76	10	10.4	1215 1220 1150	34.5 32.0 33.0	19.8 17.7 19.7	LOG LOG LOG	2H 4H 58H	- - 33.0	- - 19.7
SK233 (SK83SW/099)	WOOLSTHORPE BRDG	48434 33488	N52 54 15 W 0 44 45		NCB	76	66	10.1	784	31.0	26.7	BHT			
SK234 (SK67NE/029)	APLEYHEAD NO.2	46577 37664	N53 16 56 W 1 0 48		B.P	60	51	10.2	1112	38.3	25.3	BHT			
SK235 (SK67NE/030)	APLEYHEAD NO.3	46558 37581	N53 16 29 W 1 0 58		B.P	60	30	10.3	1088	35.0	22.7	BHT			
SK237 (SK73NW/001)	BINGHAM NO.2	47169 33956	N52 56 53 W 0 55 58	GEOCH	B.P	60	21	10.4	807 821 878	36.1 37.8 39.4	31.8 33.4 33.0	DST DST DST			
SK238 (SK83SW/061)	REDMILE NO.1	48087 33340	N52 53 29 W 0 47 52	GEOCH	B.P	62	57	10.2	906 922 940	37.8 38.3 35.0	30.5 30.5 26.4	DST DST DST			
SK239 (SK87NE/001)	TORKSEY NO.1	48520 37868	N53 17 52 W 0 43 17	GEOCH	B.P	62	7	10.5	1622 1699	55.0 54.4	27.4 25.8	DST DST			
SK240 (SK66SE/005)	EAKRING 5	46775 36114	N53 8 33 W 0 59 14	HF	BN	43	83	10.0	305 457 599	19.2 29.7 41.1	30.2 43.1 51.9	EQM EQM EQM			
SK241 (SK66SE/006)	EAKRING 6	46703 36142	N53 8 43 W 0 59 51	HF	BN	45	86	10.0	305 366 427 457 488 549 619 662	17.8 22.1 26.7 29.4 32.1 36.7 42.5 45.1	25.6 33.1 39.1 42.5 45.3 48.6 52.5 53.0	EQM EQM EQM EQM EQM EQM EQM EQM			
SK242 (SK65NE/028)	EAKRING 64	46830 35923	N53 7 32 W 0 58 45	HF	BN	45	91	10.0	428 489 532 554 611	22.4 26.2 28.7 29.6 33.2	29.0 33.1 35.2 35.4 38.0	EQM EQM EQM EQM EQM			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK243	EAKRING 141	46709 36285	N53 9 30 W 0 59 47	HF	BN	43	80	10.0	305 457 606	17.8 29.1 39.5	25.6 41.8 48.7	EQM EQM EQM			
	(SK66SE/075)														
SK244	CAUNTON 11	47351 36031	N53 8 4 W 0 54 3	HF	BN	45	30	10.3	244 305 367 427 488 555 610 650	15.1 17.0 18.4 20.9 23.4 26.1 28.8 30.8	19.7 22.0 22.1 24.8 26.8 28.5 30.3 31.5	EQM EQM EQM EQM EQM EQM EQM EQM			
	(SK76SW/008)														
SK245	KELHAM HILLS 1	47594 35760	N53 6 35 W 0 51 55	HF	BN	43	52	10.2	305 457 610 668	16.4 19.3 26.1 28.4	20.3 19.9 26.1 27.2	EQM EQM EQM EQM			
	(SK75NE/001)														
SK246	LONG BENNINGTON	48377 34158	N52 57 53 W 0 45 9	HF	OX2		18	10.2	230	16.5	27.4	EQM			
SK247	TORKSEY NO.3	48545 37841	N53 17 44 W 0 43 4		B.P	63	5	10.5	1126 1422 1423	41.1 51.7 52.2	27.2 29.0 29.3	DST DST DST			
	(SK87NE/003)														
SK248	TORKSEY NO.2	48591 37766	N53 17 19 W 0 42 40		B.P	63	5	10.5	772 1321 1423	32.2 42.2 43.3	28.1 24.0 23.0	DST DST DST			
	(SK87NE/002)														
SK249	SOUTH LEVERTON 3	47945 38083	N53 19 5 W 0 48 26		B.P	61	11	10.4	1128	50.6	35.6	BHT			
	(SK78SE/019)														
SK250	BLIDWORTH COLL.	45924 35660	N53 6 11 W 1 6 54		NCB	69		10.5	924	31.7	22.9	BHT			
	(SK55NE/021)														
SK251	SOUTH LEVERTON 2	47887 37921	N53 18 13 W 0 48 59		B.P	61	15	10.4	1158	49.4	33.7	BHT	5H	58.4	41.5
	(SK77NE/009)														
SK252	SOUTH LEVERTON 6	47909 37992	N53 18 36 W 0 48 46		B.P	61	11	10.4	1283	49.4	30.4	BHT	4H	-	-
	(SK77NE/010)														

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK253	SOUTH LEVERTON 5 (SK78SE/021)	47964 38026	N53 18 47 W 0 48 16		B.P	61	7	10.5	1325	52.8	31.9	BHT	4H	-	-
SK254	SOUTH LEVERTON 9 (SK77NE/013)	47863 37896	N53 18 5 W 0 49 12		B.P	61	16	10.4	1287	48.3	29.4	BHT	7H	53.3	33.3
SK255	COLSTN BASSET N (SK73SW/002)	47100 33382	N52 53 48 W 0 56 39		NCB	58	33	10.3	884 1305	39.9 48.9	33.5 29.6	LOG BHT			
SK267	GROVE 2 RETFORD (SK78SE/023)	47410 38035	N53 18 53 W 0 53 15	GEOCH		75	91	10.0	167	13.2	19.2	DST			
SK269	NEWTON 2	48261 37425	N53 15 30 W 0 45 41	GEOCH		75	8	10.5	247	17.8	29.6	DST			
SK270	NEWTON 3	48208 37386	N53 15 18 W 0 46 10	GEOCH		75	6	10.5	251	17.3	27.1	DST			
SK271	SOUTH SCARLE (SK86SE/025)	48558 36505	N53 10 31 W 0 43 10	GEOCH		75	9	10.4	292	20.5	34.6	DST			
SK272	RAMPTON HOSPITAL	47760 37760	N53 17 22 W 0 50 9	GEOCH		75	20	10.4	182	14.4	22.0	DST			
SK275	GAINSBORO 1 (SK89SW/001)	48326 39026	N53 24 8 W 0 44 51	GEOCH		75	5	10.5	224	15.2	21.0	DST			
SK276	GAINSBORO 2 (SK89SW/002)	48177 39079	N53 24 26 W 0 46 11	GEOCH		75	5	10.5	322	17.8	22.7	DST			
SK277	CORRINGHAM RD	4832 3903	N53 24 9 W 0 44 54	GEOCH		75	28	10.3	280	15.9	20.0	DST			
SK283	GAINSBORO 3 (SK89SW/003)	48273 39060	N53 24 20 W 0 45 20	GEOCH		75	4	10.5	321	18.1	23.7	DST			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK284	NEWARK	48120 35420	N53 4 42 W 0 47 15	GEOCH		75	15	10.4	245	15.2	19.6	DST			
SK293	CORRINGHAM (SK89SE/108)	4899 3936	N53 25 53 W 0 38 48	HF	OX2		18	8.7	385	22.7	36.4	EQM			
SK301	OVERFIELD (SK21NW/015)	42317 31526	N52 44 2 W 1 39 24		NCB	75	87	10.0	779	40.0	38.5	BHT	7H	45.0	44.9
SK302	HILL COVERT (SK21NW/018)	42303 31813	N52 45 35 W 1 39 31		NCB	75	67	10.1	706	22.8	18.0	LOG			
SK303	LADY LEYS (SK21SW/004)	42403 31394	N52 43 20 W 1 38 39		NCB	76	85	10.0	749	21.1	14.8	BHT			
SK304	BULLS HEAD (SK21NW/021)	42401 31684	N52 44 53 W 1 38 39		NCB	77	70	10.1	340	20.0	29.1	BHT			
SK305	COTON HALL FM (SK10NE/004)	41871 30556	N52 38 49 W 1 43 24		NCB	77	57	10.2	568	15.0	8.5	BHT			
SK306	COMBERFORD LANE (SK20NW/021)	42010 30669	N52 39 25 W 1 42 10		NCB	76	70	10.1	657	20.4	15.7	BHT			
SK307	KIRBY LANE (SK71NW/001)	47324 31759	N52 45 2 W 0 54 53		NCB	75	75	10.0	410	26.7	40.7	BHT	9H	29.7	48.0
SK308	WELBY (SK72SW/041)	47334 32074	N52 46 44 W 0 54 45		NCB	75	119	9.8	587 594	24.4 27.2	24.9 29.3	BHT BHT			
SK309	GLEBE FM (SK72SW/043)	47086 32141	N52 47 7 W 0 56 57		NCB	76	133	9.7	650	22.8	20.2	BHT	57H	22.8	20.2
SK310	GREEN HILL (SK62SE/001)	46932 32306	N52 48 1 W 0 58 18		NCB	76	146	9.6	693 700	23.8 26.0	20.5 23.4	BHT BHT	2H	-	-

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK311 (SK72SW/045)	ASFORDBY FM	47159 32020	N52 46 27 W 0 56 19		NCB	76	107	9.9	650	25.3	23.7	BHT	1H	-	-
SK312 (SK72SW/044)	WARTNABY	47148 32243	N52 47 39 W 0 56 23		NCB	76	139	9.6	635	22.8	20.8	BHT	2H	-	-
SK313 (SK72SW/046)	GREAT FARMLANDS	47457 32229	N52 47 33 W 0 53 38		NCB	76	138	9.6	892	31.7	24.8	BHT			
SK314 (SK72SW/047)	AB KETTLEBY	47263 32263	N52 47 45 W 0 55 21		NCB	76	129	9.7	671	24.4	21.9	BHT	5H	33.4	35.3
									675	26.4	24.7	BHT			
SK315 (SK72SW/048)	WELBY CHURCH	47226 32084	N52 46 47 W 0 55 42	HF	NCB OX5	76	108	9.9	200	15.5	28.0	EQM			
									300	18.0	27.0	EQM			
									390	20.0	25.9	EQM			
									429	20.0	23.5	BHT	23H	20.0	23.5
									430	20.4	24.4	BHT			
									615	27.0	27.8	BHT			
									617	26.7	27.2	BHT	25H	26.7	27.2
SK316 (SK62SE/003)	HATTON LODGE	46933 32460	N52 48 50 W 0 58 16		NCB	76	77	10.0	541	22.8	23.7	BHT	2H	-	-
									546	25.0	27.5	BHT			
SK317 (SK62SE/002)	GRIMSTON	46852 32090	N52 46 51 W 0 59 2		NCB	76	96	9.9	591	21.5	19.6	BHT			
									592	27.8	30.2	BHT	8H	31.8	37.0
SK318 (SK72SE/009)	MELTON SPINNEY	47675 32256	N52 47 41 W 0 51 41		NCB	76	124	9.8	614	25.1	24.9	BHT			
									614	28.9	31.1	BHT	4H	-	-
SK319 (SK72SW/049)	STONEPIT SPINNEY	47087 32353	N52 48 15 W 0 56 54		NCB	76	163	9.5	656	31.1	32.9	BHT	8H	35.1	39.0
SK320 (SK62SE/004)	PERKINS LANE	46808 32244	N52 47 41 W 0 59 24		NCB	76	155	9.6	619	23.3	22.1	BHT	8H	27.3	28.6
SK321 (SK72SE/010)	FREEBY VIEW FM	47964 32341	N52 48 7 W 0 49 6		NCB	76	156	9.6	682	32.0	32.8	BHT			

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SK361 (SK82NW/040)	BLACKWELL LODGE	48455 32922	N52 51 12 W 0 44 39		NCB	75	155	9.6	650	32.2	34.8	BHT	3H	-	-
SK371 (SK73SE/017)	PLUNGAR NO 17	47663 33173	N52 52 38 W 0 51 40		NCB	56	60	10.1	998	34.4	24.3	BHT			
SK390 (SK88NE/007)	WALK FARM	48557 38773	N53 22 45 W 0 42 48		NCB	76	22	10.4	1353	43.0	24.1	LOG			
SK391 (SK68SE/044)	SUTTON QUARRY R	46890 38394	N53 20 51 W 0 57 53		NCB	76	14	10.4	1058	44.5	32.2	LOG			
SK392 (SK88SE/010)	STOW	48811 38092	N53 19 3 W 0 40 37		NCB	76	16	10.5	1394	44.7	24.5	LOG			
SK393 (SK83NW/011)	STENWITH	48335 33683	N52 55 19 W 0 45 36		NCB	76	45	10.2	723	31.5	29.5	LOG			
SK395 (SK83SW/104)	KELCROFT CLOSE	48108 33417	N52 53 54 W 0 47 40		NCB	76	61	10.1	614	25.8	25.6	LOG			
SK397 (SK57NW/058)	BONDHAY LANE	45158 37789	N53 17 42 W 1 13 33		NCB	76	138	9.7	750	30.5	27.7	LOG			
SK409 (SK30NW/013)	TWYCROSS	43387 30564	N52 38 49 W 1 29 57	HF	BGS	79	122	9.8	490	20.6	22.0	LOG	18H	21.1	23.1
SK413 (SK67SE/022)	BOTHAMSALL NO 22	46638 37425	N53 15 38 W 1 0 17		B P	80	34	10.3	1108 1108	46.7 48.9	32.9 34.8	BHT BHT	14H	50.4	36.2
SK415 (SK79SE/040)	BECKINGHAM NO 25	47705 39025	N53 24 11 W 0 50 26		B P	80	4	10.5	1121 1121	36.7 38.3	23.4 24.8	BHT BHT	4H 10H	- 40.8	- 27.0
SK416 (SK79SE/041)	BECKINGHAM NO 26	47705 39025	N53 24 11 W 0 50 30		B P	80	36	10.3	1112	40.6	27.2	BHT	4H	-	-

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SK417	BECKINGHAM NO 27	47705 39025	N53 24 11 W 0 50 30		B P	80	36	10.3	1000	31.1	20.6	BHT	6H	38.1	27.8
(SK79SE/042)															
SK418	BOTHAMSALL 23	46637 37426	N53 15 39 W 1 0 17		B.P	81	34	10.5	1091	46.7	33.2	BHT	3H	-	-
(SK67SE/066)															
SK419	SAUNDBY NO1	47952 38912	N53 23 33 W 0 48 14		B.P	81		10.5	1226	40.0	24.1	BHT	2H	-	-
									1226	40.6	24.6	BHT	7H	45.6	28.6
(SK78NE/033A)									1227	41.1	24.9	BHT	12H	43.1	26.6
SK420	SAUNDBY NO2	47951 38912	N53 23 33 W 0 48 15		B.P	81	4	10.5	1096	33.9	21.4	BHT	3H	-	-
									1260	38.9	22.5	BHT	3H	-	-
(SK78NE/033B)															
SK421	GROVE NO3	47627 38134	N53 19 23 W 0 51 17		B.P	81	59	10.1	633	28.9	29.7	BHT	4H	-	-
									1657	60.6	30.5	BHT	17H	62.6	31.7
(SK78SE/030)									2933	91.7	27.8	BHT	14H	94.7	28.8
SK423	ALREWAS 1	41864 31407	N52 43 25 W 1 43 26		SHL	81	50	10.2	331	37.2	81.6	BHT	3H	-	-
									623	44.4	54.9	BHT	2H	-	-
(SK11SE/007)									623	46.7	58.6	BHT	9H	49.7	63.4
									1168	50.6	34.6	BHT	5H	66.6	48.3
									1168	51.1	35.0	BHT	10H	57.1	40.2
									1168	51.1	35.0	BHT	16H	54.1	37.6
SK424	SCAFTWORTH B	46718 39228	N53 25 22 W 0 59 20		B.P	82	8	10.5	1100	39.4	26.3	BHT	18H	39.9	26.7
									1102	34.4	21.7	BHT	4H	-	-
(SK69SE/056)									1102	36.7	23.8	BHT	17H	37.7	24.7
									1432	43.3	22.9	BHT	6H	50.3	27.8
									1433	48.9	26.8	BHT	13H	50.4	27.8
									2298	72.2	26.8	BHT	13H	76.2	28.6
									2300	81.1	30.7	BHT	18H	83.1	31.6
SK425	CLARBOROUGH 1	47384 38358	N53 20 37 W 0 53 27		B.P	81	62	10.1	1645	42.2	19.5	BHT	3H	-	-
									1645	44.4	20.9	BHT	9H	47.4	22.7
(SK78SW/030)									1645	48.9	23.6	BHT	13H	50.4	24.5
SK426	EGMANTON 46	47573 36859	N53 12 31 W 0 51 57		B.P	82	31	10.3	1016	45.6	34.7	BHT	4H	-	-
(SK76NE/033)															
SK427	EGMANTON 27	47647 36788	N53 12 8 W 0 51 18		B.P	80	27	10.3	947	27.8	18.5	BHT			
(SK76NE/019)															

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SK429	AUBOURN NO1	49257 36192	N53 8 46 W 0 36 57		B.P	83	13	10.4	980 980 980	37.2 37.7 38.3	27.3 27.9 28.5	BHT BHT BHT	7H 12H 14H	42.2 39.7 39.8	32.4 29.9 30.0
	(SK96SW/018)														
SK431	BECKINGHAM 32	47734 39045	N53 24 18 W 0 50 11		B.P	82	24	10.4	1102	32.8	20.3	BHT	10H	35.3	22.6
	(SK79SE/048)														
SK434	FARLEYS WOOD 4	47051 37195	N53 14 23 W 0 56 36		B.P	83	32	10.3	1198 1198 1198	48.9 48.9 47.8	32.2 32.2 31.3	BHT BHT BHT	2H 8H 11H	- 52.9 49.8	- 35.6 33.0
	(SK77SW/040)														
SK435	PARKHILL A	47044 35285	N53 4 5 W 0 56 55		B.P		56	10.2	260	22.2	46.2	BHT	4H	-	-
	(SK75SW/023)														
SK436	NETTLEHAM 2	49985 37413	N53 15 16 W 0 30 11		B.P	83	38	10.3	1352	37.8	20.3	BHT	5H	46.8	27.0
	(SK97SE/039)														
SK437	ANSTON 1	44874 38468	N53 21 23 W 1 16 3		B.P	83	106	9.9	759 1340	35.6 50.6	33.9 30.4	BHT BHT	6H 11H	42.6 55.6	43.1 34.1
	(SK48SE/001)														
SK438	TUNMAN WOOD	48792 36494	N53 10 26 W 0 41 4		NCB	83	20	10.4	682	29.0	27.3	EQM			
SK439	THORNEY	48522 37265	N53 14 37 W 0 43 22		NCB	83	10	10.4	711	28.2	25.0	EQM			
SK901	CLIPSTON COLL.	46158 36443	N53 10 23 W 1 4 43		NCB	76	91	10.0	860	31.1	24.5	VST			
SK902	WELBECK	46221 37373	N53 15 23 W 1 4 2		NCB	74	46	10.2	715	27.5	24.2	VST			
SK903	MALTBY	45525 39347	N53 26 5 W 1 10 5		NCB	75	76	10.0	822	34.5	29.8	VST			
SK904	HARWORTH COLL	45980 39494	N53 26 51 W 1 5 58		NCB	75	15	10.4	820	31.8	26.1	VST			

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SK905	HARWORTH COLL	46562 39530	N53 27 0 W 1 0 42		NCB	75	15	10.4	902	31.5	23.4	VST			
SK906	NEWSTEAD COLL	45640 35355	N53 4 33 W 1 9 29		NCB	75	129	9.7	760	32.6	30.1	VST			
SK907	HUCKNALL COLL	45669 35042	N53 2 51 W 1 9 15		NCB	75	75	10.0	676	31.8	32.2	VST			
SK908	HUCKNALL COLL	45664 35057	N53 2 56 W 1 9 17		NCB	75	73	10.1	684	31.7	31.6	VST			
SK909	ROSSINGTON B20	46242 39591	N53 27 21 W 1 3 35		NCB	74	20	10.4	885	33.0	25.5	VST			
SK910	YORKSHIRE MAIN	4546 3966	N53 27 46 W 1 10 39		NCB	74	84	10.0	877	35.0	28.5	VST			
SK911	BOLSOVER	44523 37086	N53 13 57 W 1 19 20		NCB	72	76	10.0	610	27.1	28.0	VST			
SK912	CLIPSTONE Y1	4582 3631	N53 9 41 W 1 7 45		NCB	75	107	9.9	908	35.5	28.2	VST			
SK913	RUFFORD Y5	4591 3610	N53 8 33 W 1 6 58		NCB	75	114	9.8	815	32.9	28.3	VST			
SK914	RUFFORD Y2	45833 35982	N53 7 55 W 1 7 41		NCB	75	117	9.8	759	32.2	29.5	VST			
SK915	HOLLYBANK COLL.	U4045 3045	N52 38 16 W 1 56 0		GRA	21	158	9.5	729	22.9	18.4	CFM			
SK917	BRERETON COLL.	U4045 3150	N52 43 56 W 1 56 0		NCB	57		10.5	317	13.4	9.1	VST			
	(SK01NW/023)														

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SK918	HARWORTH COLL	46367 39223	N53 25 22 W 1 2 30		NCB	75	15	10.4	964	34.2	24.7	VST			
SK919	NEWSTEAD COLL	45672 35363	N53 4 36 W 1 9 12		NCB	77	129	9.7	736	31.9	30.2	VST			
SK920	CRESSWELL COLL.	45314 37348	N53 15 19 W 1 12 12		NCB	75	80	10.0	700	33.2	33.1	VST			
SK921	CADLEY HILL COLL.	42550 31727	N52 45 8 W 1 37 20		NCB		78	10.0	485	18.4	17.3	VST			
SM 7	TREFFGARNE NO2	19312 22380	N51 52 26 W 5 0 21	HF	IC6	83	107	10.9	180	13.1	12.2	EQM			
SM 8	TREFFGARNE NO3	19432 22461	N51 52 54 W 4 59 20	HF	IC6	83	132	10.7	193	12.7	10.4	EQM			
SN 4	GELLI ISAF FARM (SN90SE/054)	29912 20427	N51 43 39 W 3 27 38		BGS	75	137	10.7	182	16.4	31.3	LOG			
SN 5	BARAN NO.6 (SN60NE/006)	26888 20719	N51 44 51 W 3 53 58		NCB		840	11.5	1125	40.0	25.3	BHT			
SN 6	BETWS NO.3	26694 20969	N51 46 10 W 3 55 42		NCB		324	9.6	1105	30.0	18.5	BHT	2H	-	-
SN 7	CYNHEIDRE 6/5 (SN50NW/028)	25352 20949	N51 45 52 W 4 7 22		NCB		177	10.4	866	31.5	24.4	BHT	6H	38.5	32.4
SN 8	CYNHEIDRE 5/5 (SN50NW/025)	25196 20848	N51 45 18 W 4 8 41		NCB		269	9.9	850	26.0	18.9	BHT	6H	33.0	27.2
SN 9	CYNHEIDRE 5/4 (SN50NW/024)	25153 20845	N51 45 16 W 4 9 4		NCB		252	10.0	750	30.0	26.7	BHT	4H	-	-

INDEX NO.	NAME OF BOREHOLE /LOCALITY (BGS REF)	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SN 10	TREFORGAN NO.2 (SN70NE/048)	27948 20789	N51 45 22 W 3 44 46		NCB		154	10.6	338	18.5	23.4	BHT	10H	21.0	30.8
SN 11	TREFORGAN NO.3 (SN70NE/049)	27990 20696	N51 44 52 W 3 44 23		NCB		112	10.8	395	23.7	32.7	BHT	5H	32.7	55.4
SN 12	TREFORGAN NO.4 (SN80NW/042)	28180 20672	N51 44 46 W 3 42 44		NCB		274	9.9	478	19.0	19.0	BHT	4H	-	-
SN 13	CYNHEIDRE 3/1 (SN50NW/007)	25017 20734	N51 44 39 W 4 10 13		NCB	60	158	10.5	886	36.8	29.7	BHT	3H	-	-
SN 14	CYNHEIDRE 3/2 (SN50NW/008)	25057 20697	N51 44 28 W 4 9 52		NCB	61	196	10.3	965	31.4	21.9	BHT	3H	-	-
SN 15	CYNHEIDRE 4/1 (SN50NW/009)	25083 20827	N51 45 10 W 4 9 40		NCB	60	203	10.3	860	30.6	23.6	BHT	3H	-	-
SN 16	CYNHEIDRE 4/2 (SN50NW/010)	25119 20761	N51 44 49 W 4 9 21		NCB	61	269	9.9	1018	33.2	22.9	BHT	3H	-	-
SN 17	CYNHEIDRE 4/3 (SN50NW/021)	25136 20685	N51 44 24 W 4 9 10		NCB	62	223	10.2	1039	39.2	27.9	BHT	3H	-	-
SN 18	CYNHEIDRE 5/2 (SN50NW/022)	25192 20810	N51 45 5 W 4 8 43		NCB	63	251	10.0	950	40.6	32.2	BHT	3H	-	-
SN 19	CYNHEIDRE 6/1 (SN50NW/012)	25314 20978	N51 46 1 W 4 7 42		NCB	62	205	10.3	824	32.8	27.3	BHT	3H	-	-
SN 20	CYNHEIDRE 6/3 (SN50NW/013)	25333 20879	N51 45 29 W 4 7 30		NCB	62	211	10.2	1018	41.7	30.9	BHT	3H	-	-
SN 21	GLANFRED (SN68NW/001)	26305 28812	N52 28 24 W 4 0 59	HF	OX2	74	14	9.8	396	19.1	23.5	EQM			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SN 29	BETWS NO.4	26536 20694	N51 44 40 W 3 57 2	HF	IC6	83	230	10.1	199 400 550	12.4 15.3 17.8	11.6 13.0 14.0	EQM EQM EQM			
SN901 (SN70SW/008)	MAIN NO.1 COLL.	U2738 2003	N51 41 12 W 3 49 33		J26	24	71	11.1	379 381	18.6 18.7	19.8 19.9	CFM CFM	27H 27H	18.6 18.7	19.8 19.9
SN902	RESOLUEN COLL.	U2835 2028	N51 42 40 W 3 41 11		J26	24	338	9.5	207	12.2	13.0	CFM	27H	12.2	13.0
SN903	GLYN CASTLE PIT	U2846 2020	N51 42 15 W 3 40 12		J26	24	220	10.2	547 576 617	24.6 23.3 25.0	26.3 22.7 24.0	CFM CFM CFM	27H 27H 27H	24.6 23.3 25.0	26.3 22.7 24.0
SN904 (SN40NE/038)	PONT HENRY	U2483 2097	N51 45 53 W 4 11 54		J24	24	65	11.1	311 343	19.1 19.3	25.7 23.9	CFM CFM	2H 2H	- -	- -
SN905 (SN51SE/072)	NEW CROSSHANDS	U25634 21323	N51 47 56 W 4 5 1		J24	24	156	10.6	205 258 422 424	14.4 15.6 20.6 21.9	18.5 19.4 23.7 26.7	CFM CFM CFM CFM	2H 2H 2H 2H	- - - -	- - - -
SN906	GWAUN-CAE-GURWEN	U2712 2120	N51 47 28 W 3 52 3		J24	24	287	9.8	311 360 479 498 536	18.0 20.6 20.8 21.4 22.3	26.4 30.0 23.0 23.3 23.3	CFM CFM CFM CFM CFM	2H 2H 2H 2H 2H	- - - - -	- - - - -
SN907	TARENI COLLIERY	U2756 2064	N51 44 31 W 3 48 7		J24	24	160	10.5	420 477	18.9 24.2	20.0 28.7	CFM CFM	2H 2H	- -	- -
SN908	BONVILLE COURT	U2125 2054	N51 42 55 W 4 42 52		J24	24	53	11.2	183 254	15.6 17.2	24.0 23.6	CFM CFM	2H 2H	- -	- -
SO 13 (SO94SE/001)	NETHERTON NO.1	39982 24138	N52 4 13 W 2 0 9		ULT	60	51	10.7	2324 2324	55.0 57.8	19.1 20.3	BHT BHT	5H 13H	71.0 61.8	25.9 22.0
SO 14 (SO74NE/015)	MALVERN GASWORKS	3788 2492	N52 8 25 W 2 18 35	HF	OX2		50	11.2	245	15.0	15.5	EQM			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (BGS REF)	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SO 15	OMBERSLEY (SO86SW/050)	3837 2629	N52 15 49 W 2 14 19		OX		40	10.8	175	12.6	10.3	EQM			
SO 44	DADLINGTON 1 (SO49NE/001)	34984 29910	N52 35 13 W 2 44 25		NCB	78	41	10.8	357	30.0	53.8	BHT	8H	34.0	65.0
SO 45	KEMPSEY (SO84NE/002)	38609 24933	N52 8 30 W 2 12 11		DEN	79	20	10.9	1565	33.3	14.3	BHT	7H	38.3	17.5
									1565	36.1	16.1	BHT	16H	37.1	16.7
									1565	36.7	16.5	BHT	19H	37.2	16.8
									3003	57.2	15.4	BHT	11H	62.2	17.1
									3003	59.4	16.2	BHT	19H	61.4	16.8
									3003	61.1	16.7	BHT	25H	62.1	17.0
									3003	63.1	17.4	BHT	38H	63.1	17.4
SO 46	ELDERSFIELD (SO73SE/006)	37888 23229	N51 59 17 W 2 18 27		BGS	80	43	10.7	250	17.4	26.8	LOG	11H	19.4	34.8
									398	19.5	22.1	BHT	3H	-	-
									398	22.5	29.6	LOG	12H	24.5	34.7
SO 47	TWYNING (SO83NE/005)	38950 23662	N52 1 38 W 2 9 11		BGS	81	32	10.8	257	18.1	28.4	LOG	24H	18.1	28.4
SO 48	STAVERTON 1 (SO82SE/049)	38840 22290	N51 54 15 W 2 10 7		BCT	81	26	10.8	1070	35.0	22.6	BHT	9H	38.0	25.4
									1072	35.6	23.1	BHT	10H	38.1	25.5
									1072	35.0	22.6	BHT	15H	36.0	23.5
SO 50	LOWER HOUSE NO2	36987 22625	N51 56 1 W 2 26 18		BGS	83	46	10.7	256	15.0	16.8	BHT			
SO 51	WORCESTER	3862 2576	N52 12 58 W 2 12 7	HF	IC6	83	30	10.8	298	17.3	21.8	EQM			
SO902	OLGIVIE COLLIERY	U3121 2029	N51 43 3 W 3 16 21		J24	24	273	9.9	428	21.7	27.6	CFM	2H	-	-

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SP 1	STEEPLE ASTON (SP42NE/012)	44687 22586	N51 55 43 W 1 19 5	HF	OX6	71	131	10.2	100	11.9	17.0	EQM			
									120	12.5	19.2	EQM			
									140	13.1	20.7	EQM			
									160	13.8	22.5	EQM			
									180	14.4	23.3	EQM			
									200	14.8	23.0	EQM			
									220	15.0	21.8	EQM			
									240	15.3	21.2	EQM			
									260	15.6	20.8	EQM			
									280	16.0	20.7	EQM			
									300	16.7	21.7	EQM			
									320	17.3	22.2	EQM			
									340	17.6	21.8	EQM			
									360	18.0	21.7	EQM			
									380	18.6	22.1	EQM			
									400	19.0	22.0	EQM			
									420	19.4	21.9	EQM			
									440	19.8	21.8	EQM			
									774	26.7	21.3	BHT	3H	-	-
									774	26.7	21.3	BHT	6H	33.7	30.4
									774	28.3	23.4	BHT			
									1050	25.6	14.7	BHT	10H	28.1	17.0
									1050	25.6	14.7	BHT	14H	27.1	16.1
SP 2	SARSDEN 2 (SP22SE/047)	42768 22220	N51 53 50 W 1 35 51		GAS	66	114	10.3	238	26.7	68.9	BHT			
SP 3	SARSDEN NO.3 (SP22SE/048)	42807 22074	N51 53 2 W 1 35 31		GAS	66	109	10.3	242	18.3	33.1	BHT			
SP 7	SARSDEN NO.7 (SP22SE/052)	42858 22065	N51 53 0 W 1 35 5		GAS	66	118	10.3	259	23.9	52.5	BHT			
SP 10	SARSDEN NO.10 (SP32SW/015)	43420 22043	N51 52 51 W 1 30 11		GAS	66	86	10.5	233	23.3	54.9	BHT			
SP 11	SARSDEN NO.11 (SP32SW/016)	43418 22110	N51 53 13 W 1 30 12		GAS	66	102	10.4	252	17.2	27.0	BHT			
SP 18	TOWCESTER T10 (SP73NE/002)	47652 23880	N52 2 30 W 0 53 3		BGS	65	70	10.6	208	13.3	13.0	LOG			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (BGS REF)	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SP 19	TOWCESTER T2 (SP74SW/001)	47197 24197	N52 4 16 W 0 57 0		BGS	65	126	10.2	163	12.2	12.3	LOG			
SP 22	APLEY BARN (SP31SW/003)	43438 21066	N51 47 35 W 1 30 5		BGS	65	85	10.5	1507	51.7	27.3	LOG			
SP 29	TWYFORD NO.1 (SP62NE/002)	46802 22567	N51 55 30 W 1 0 38		B.P	60	89	10.5	155	23.3	82.6	BHT			
SP 30	WITHYCOMBE FARM (SP44SW/009)	44319 24017	N52 3 28 W 1 22 12	HF	OX7	73	144	9.9	100	13.3	34.0	EQM			
									150	15.6	38.0	EQM			
									200	17.6	38.5	EQM			
									250	19.2	37.2	EQM			
									300	20.4	35.0	EQM			
									350	21.4	32.9	EQM			
									400	22.4	31.2	EQM			
									450	23.6	30.4	EQM			
									500	24.8	29.8	EQM			
									550	26.3	29.8	EQM			
									600	27.8	29.8	EQM			
									650	29.4	30.0	EQM			
									700	31.0	30.1	EQM			
									750	32.1	29.6	EQM			
									800	33.7	29.7	EQM			
									850	34.8	29.3	EQM			
									900	36.1	29.1	EQM			
									950	37.5	29.1	EQM			
									1000	39.0	29.1	EQM			
									1050	40.2	28.9	EQM			
SP 37	RYTON NO.6 (SP37SE/033)	43889 27362	N52 21 31 W 1 25 43		NCB	52	76	10.5	455	31.1	45.3	BHT			
SP 50	SHERBORNE NO.1 (SP11SE/001)	41564 21396	N51 49 25 W 1 46 23		SHL	75	191	9.8	294	26.1	55.4	BHT	1H	-	-
									1055	40.6	29.2	BHT	10H	43.1	31.6
									1939	48.3	19.9	BHT	12H	50.3	20.9
									1939	52.2	21.9	BHT	16H	55.2	23.4
SP 51	BICESTER NO.1 (SP52SE/001)	45872 22081	N51 52 56 W 1 8 48		SHL	76	84	10.6	361	42.2	87.5	BHT	6H	49.2	106.9
									506	40.0	58.1	BHT	9H	43.0	64.0

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SP 56 (SP62NE/003)	TWYFORD NO.2	46759 22650	N51 55 56 W 1 1 0		B.P	61	82	10.5	154	21.1	68.8	BHT			
SP 57 (SP62NE/004)	TWYFORD NO.4	46824 22560	N51 55 27 W 1 0 27		GAS	61	87	10.5	151	21.1	70.2	BHT	4H	-	-
SP 58 (SP33SW/004)	WHICHFORD 1	43266 23488	N52 0 39 W 1 31 26		GAS	64	140	10.2	309	26.7	53.4	BHT			
SP 59 (SP33SE/045)	WHICHFORD 2	43528 23476	N52 0 35 W 1 29 9		GAS	64	177	9.9	364	32.2	61.3	BHT			
SP 60 (SP33SE/016)	WHICHFORD 3	43703 23497	N52 0 41 W 1 27 37		GAS	64	195	9.8	378	32.2	59.3	BHT			
SP 61 (SP89NE/001)	THORPE BY WATER	48857 29648	N52 33 30 W 0 41 36	HF	OX2	73	65	10.6	360	22.6	33.3	EQM			
SP 62 (SP59NW/020)	CROFT	4513 2964	N52 33 45 W 1 14 35	HF	OX2		21	10.9	327	14.5	11.0	EQM			
SP 64 (SP01SE/001)	STOWELL PARK	4084 2118	N51 48 16 W 1 52 41		BGS	51	171	10.2	1169	42.8	27.9	BHT	11D	42.8	27.9
SP 68 (SP43NW/013)	ELLS FARM	44260 23701	N52 1 46 W 1 22 44		NCB	76	126	10.2	904 911	37.0 36.7	29.6 29.1	BHT BHT	24H	36.7	29.1
SP 69 (SP28SE/025)	PICKFORD GREEN	42735 28103	N52 25 34 W 1 35 51		NCB	76	123	10.3	1026	23.9	13.3	BHT	13H	25.4	14.7
SP 70 (SP28SE/003)	CHANTRY WOOD	42580 28370	N52 27 1 W 1 37 13		NCB	75	171	10.0	877	26.7	19.0	BHT	6H	33.7	27.0
SP 71 (SP37SE/035)	ROCK FARM	43644 27428	N52 21 53 W 1 27 53		NCB	76	78	10.5	841 944	22.0 23.4	13.7 13.7	BHT BHT	17H	24.4	14.7

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SP 72 (SP27NE/009)	BEANIT SPINNEY	42655 27658	N52 23 10 W 1 36 35		NCB	76	119	10.3	1127 1127	28.2 26.7	15.9 14.6	BHT BHT	16H	27.7	15.4
SP 73 (SP38SW/100)	BROWNSHILL GRN FM	43069 28216	N52 26 10 W 1 32 54		NCB	76	129	10.2	930 930	25.5 26.7	16.5 17.7	BHT BHT	15H	27.7	18.8
SP 74 (SP27NE/009)	ROUGH CLOSE	42648 27850	N52 24 12 W 1 36 38		NCB	76	136	10.2	1113 1115	28.0 26.1	16.0 14.3	BHT BHT	4H	-	-
SP 75 (SP27NW/003)	RAM HALL	42469 27809	N52 23 59 W 1 38 13		NCB	76	116	10.3	1039 1039	24.0 27.8	13.2 16.8	BHT BHT	9H	30.8	19.7
SP 76 (SP28SE/005)	BRIDLE BROOK LANE	42900 28363	N52 26 57 W 1 34 23		NCB	76	124	10.3	855	38.9	33.5	BHT			
SP 77 (SP27NW/002)	BLIND LANE	42450 27962	N52 24 49 W 1 38 23		NCB	76	117	10.3	1040 1045	25.6 28.0	14.7 16.9	BHT BHT	4H	-	-
SP 78 (SP27SE/018)	REDFERN FARM	42526 27479	N52 22 12 W 1 37 44		NCB	76	117	10.3	1121 1121	25.6 26.7	13.6 14.6	BHT BHT	2H 4H	- -	- -
SP 79 (SP27SE/019)	CRACKLEY WOOD	42912 27480	N52 22 12 W 1 34 20		NCB	76	93	10.4	1151 1160	27.2 31.7	14.6 18.4	BHT BHT	3H	-	-
SP 80 (SP27SE/017)	LITTLE CHASE	42646 27305	N52 21 16 W 1 36 41		NCB	76	104	10.4	1138 1145	25.6 24.4	13.4 12.2	BHT BHT	9H 5H	28.6 33.4	16.0 20.1
SP 81 (SP28SE/004)	PARKHILL LANE	42934 28046	N52 25 15 W 1 34 6		NCB	76	97	10.4	989 994	28.9 34.5	18.7 24.2	BHT BHT	5H	37.9	27.8
SP 82 (SP27NE/007)	TEN SHILLING WOOD	42934 27683	N52 23 18 W 1 34 7		NCB	76	115	10.3	1043 1082 1083 1084	28.3 27.2 26.1 37.0	17.3 15.6 14.6 24.6	BHT BHT BHT BHT	4H 3H 6H	- - 33.1	- - 21.1

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SP 83 (SP36NW/032)	CUBBINGTON HTH FM	43380 26976	N52 19 28 W 1 30 14		NCB	77	69	10.6	1212	20.0	7.8	BHT			
SP 84 (SP27SE/016)	ROUNCIL FARM LANE	42643 27024	N52 19 45 W 1 36 43		NCB	77	87	10.5	1228	26.0	12.6	BHT			
SP 85 (SP28SW/179)	BERRYFIELDS FARM	42499 28148	N52 25 49 W 1 37 56		NCB	77	129	10.2	1013	25.0	14.6	BHT			
SP 86 (SP36NE/008)	CHALET	43694 26698	N52 17 57 W 1 27 30		NCB	77	78	10.5	1153	24.0	11.7	BHT			
SP 87 (SP37SW/100)	ASHOW	43053 27161	N52 20 28 W 1 33 6		NCB	77	86	10.5	1191 1223	25.5 25.6	12.6 12.3	BHT BHT	18H	26.1	12.8
SP 88 (SP35SE/019)	KINETON	43844 25016	N52 8 52 W 1 26 17		NCB	77	104	10.4	1149	35.0	21.4	BHT			
SP 89 (SP35SW/001)	MORETON MORRELL	43078 25364	N52 10 47 W 1 32 59		NCB	77	95	10.4	1463	33.9	16.1	BHT	34H	33.9	16.1
SP 90 (SP36SE/019)	MIDDLE ROAD	43512 26155	N52 15 2 W 1 29 7		NCB	77	67	10.6	1238 1254 1255 1256	27.8 23.3 25.0 34.0	13.9 10.1 11.5 18.6	BHT BHT BHT BHT	13H 5H 8H	29.3 32.3 29.0	15.1 17.3 14.7
SP 91 (SP37SW/060)	WAIN BODY WOOD	43139 27419	N52 21 52 W 1 32 20		NCB	76	78	10.5	1100 1100	27.8 33.0	15.7 20.5	BHT BHT	2H 1H	- -	- -
SP 92 (SP37SW/010)	BLACK SPINNEY	43436 27326	N52 21 21 W 1 29 43		NCB	77	84	10.5	1189	28.9	15.5	BHT	14H	30.4	16.7
SP420 (SP43SE/032)	MILTON	44522 23451	N52 0 24 W 1 20 28		NCB	78	116	10.3	905 905	30.6 32.2	22.4 24.2	BHT BHT	5H 10H	39.6 34.7	32.4 27.0

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SP421	HOLLIES BARN (SP43SW/025)	44187 23435	N52 0 20 W 1 23 23		NCB	78	131	10.2	1070	36.1	24.2	BHT			
SP422	NORTH BROOK (SP42SE/010)	44995 22246	N51 53 52 W 1 16 26		NCB	78	104	10.4	591	25.6	25.7	BHT	2H	-	-
SP423	SOUTHAM (SP46SW/014)	44200 26334	N52 15 58 W 1 23 4		NCB	78	98	10.4	881 881	24.4 25.0	15.9 16.6	BHT BHT	9H	27.4	19.3
SP424	NORTH LEIGH (SP31SE/009)	43879 21410	N51 49 25 W 1 26 13		NCB	78	95	10.4	1020 1020	31.7 33.9	20.9 23.0	BHT BHT	5H 7H	40.7 38.9	29.7 27.9
SP425	NEW YATT (SP31SE/012)	43711 21229	N51 48 27 W 1 27 42		NCB	78	108	10.4	1127 1127	34.4 38.0	21.3 24.5	BHT BHT	6H	41.4	27.5
SP426	BARFORD (SP26SE/095)	42834 26209	N52 15 21 W 1 35 5		NCB	78	63	10.6	1420	35.6	17.6	BHT			
SP427	TWYFORD LANE (SP43NE/056)	44805 23702	N52 1 44 W 1 17 58		NCB	78	112	10.3	722	31.1	28.8	BHT	25H	31.1	28.8
SP428	VICARAGE FARM (SP41NE/040)	44918 21869	N51 51 51 W 1 17 8		NCB	78	76	10.5	603	25.6	25.0	BHT	3H	-	-
SP431	GUITING POWER 1 (SP02SE/001)	40855 22451	N51 55 7 W 1 52 32		BCT	79	247	9.5	1038 2175 2178	40.0 50.6 50.6	29.4 18.9 18.9	BHT BHT BHT	6H 13H 8H	47.0 54.6 58.6	36.1 20.7 22.5
SP434	ASH FARM NO1 (SP22SW/020)	42086 22439	N51 55 2 W 1 41 48		SHL	81	130	10.2	1314 1314	37.8 40.0	21.0 22.7	BHT BHT	5H 10H	46.8 42.5	27.9 24.6
SP436	BOCKENDON	42801 27525	N52 22 27 W 1 35 19		NCB	83	91	10.5	1053	25.1	13.9	EQM			
SP437	ROWLEY ROAD	43506 27510	N52 22 21 W 1 29 6		NCB	83	76	10.5	875	22.7	13.9	EQM			

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SP438	LADBROKE ROAD	44164 25958	N52 13 57 W 1 23 25		NCB	83	94	10.4	791	23.6	16.7	EQM			
SP439	WOODCOTE LANE	42818 26947	N52 19 20 W 1 35 11		NCB	83	80	10.5	839	19.6	10.8	EQM			
SP901 (SP38SW/040)	COVENTRY COLL.	43230 28280	N52 26 30 W 1 31 29		NCB		104	10.4	732	22.5	16.5	VST			
SP902 (SP09SW/034)	HAMSTEAD COLL.	U4042 2930	N52 32 4 W 1 56 17		GRA	22	122	10.3	646	20.2	15.3	CFM	20H	20.7	16.1
SP903	COVENTRY COLL.	43945 28760	N52 29 4 W 1 25 8		NCB		107	10.4	579	20.1	16.8	VST			
SP904	DAW MILL COLL.	42453 29050	N52 30 41 W 1 38 19		NCB		90	10.5	539	19.0	15.8	VST			
SS 3 (SS51SW/001)	PETROCKSTOW NO.1	25201 11041	N50 52 25 W 4 6 13		BGS	67	60	11.6	696	26.7	21.7	BHT			
SS 4 (SS51SW/002)	PETROCKSTOW NO.2	25110 11158	N50 53 2 W 4 7 1		BGS	67	62	11.6	305	21.1	31.1	BHT			
SS 5 (SS50NW/001)	PETROCKSTOW NO.3	25278 10933	N50 51 51 W 4 5 32		BGS	68	57	11.7	314	23.9	38.9	LOG			
SS 9 (SS89SE/041)	MAESTEG	28528 19245	N51 37 7 W 3 39 26		CAM	73	156	10.6	2642	71.1	22.9	BHT	12H	75.1	24.4
SS 10 (SS88NW/014)	MARGAM NO.2	28111 18632	N51 33 45 W 3 42 55		NCB	53	91	11.0	485	25.6	30.1	LOG	5H	34.6	48.7
SS 11 (SS88NW/020)	MARGAM 6	28362 18603	N51 33 38 W 3 40 44		NCB		122	10.8	831	27.5	20.1	BHT	2H	-	-

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SS 12 (SS88NE/033)	MARGAM 7	28539 18557	N51 33 24 W 3 39 12		NCB		116	10.8	846	30.0	22.7	BHT	3H	-	-
SS 13 (SS88NW/019)	MARGAM 8	28262 18619	N51 33 42 W 3 41 36		NCB		217	10.2	790	28.0	22.5	BHT	3H	-	-
SS 14	SOUTH MOLTON	2723 1323	N51 4 30 W 3 49 23	HF	IC2	74	260	9.2	75	10.4	16.0	EQM			
SS 15 (SS73NE/002)	HONEYMEAD NO.2	27990 13934	N51 8 24 W 3 43 1	HF	IC2	74	391	9.1	100 200 300	10.2 11.7 12.9	11.0 13.0 12.7	EQM EQM EQM			
SS 25	MARGAM NO.9	28274 18708	N51 34 12 W 3 41 32		NCB	81	282	9.8	1161	30.0	17.4	BHT			
SS 26	MARGAM NO.10	28450 18635	N51 33 49 W 3 39 59		NCB	81	270	9.9	1087	30.0	18.5	BHT			
SS 27	MARGAM NO.12	28686 18503	N51 33 8 W 3 37 55		NCB	81	198	10.3	895	26.0	17.5	BHT			
SS901 (SS89SE/013)	CAERAU COLLIERY	U2866 1946	N51 38 17 W 3 38 20		J24	23	234	10.1	376 396	24.6 25.1	38.6 37.9	CFM CFM	2H 2H	- -	- -
SS902 (SS89NE/009)	NANTEWLAETH COLL	U2863 1977	N51 39 57 W 3 38 39		J24	23	207	10.3	160	12.5	13.8	CFM	2H	-	-
SS903 (SS98NW/006)	RHONDA MAIN COLL	U2936 1890	N51 35 21 W 3 32 9		J26	24	116	10.8	323 338 421	16.2 16.6 19.2	16.7 17.2 20.0	CFM CFM BHT	27H 27H 27H	16.2 16.6 19.2	16.7 17.2 20.0
SS904	BLAEN CWM COLL.	U2917 1986	N51 40 30 W 3 33 59		J26	23	253	10.0	217 234 279	17.5 17.2 18.9	34.6 30.8 31.9	CFM CFM CFM	27H 27H 27H	17.5 17.2 18.9	34.6 30.8 31.9
SS905	COURT HERBERT	U2941 1975	N51 39 56 W 3 31 53		J26	24	53	11.2	329	17.5	19.1	CFM	27H	17.5	19.1

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SS906 (SS99SW/005)	WYNDAM COLLIERY	U2933	1921	N51 37 1 W 3 32 28		J26	25	499	8.5	552	23.3	26.8	CFM	27H	23.3	26.8
SS907 (SS98SE/012)	LLANHARAN COLL.	U2995	1828	N51 32 4 W 3 26 56		J26	23	65	11.1	191 237 296 304	14.9 15.1 16.6 16.8	19.9 16.9 18.6 18.7	CFM CFM CFM CFM	27H 27H 27H 27H	14.9 15.1 16.6 16.8	19.9 16.9 18.6 18.7
SS908	MAIN NO.3 COLL.	U2723	1977	N51 39 47 W 3 50 47		J26	24	152	10.6	325 402	15.6 16.7	15.4 15.2	CFM CFM	27H 27H	15.6 16.7	15.4 15.2
SS909	MAIN NO.7	U272	195	N51 38 19 W 3 51 0		J26	26	76	11.5	288	16.3	16.7	CFM	27H	16.3	16.7
SS910	BRITANNIC MERTHY	U2972	1895	N51 35 40 W 3 29 3		J26	24	350	9.9	440 531 589 609	23.9 25.4 27.0 24.3	31.8 29.2 29.0 23.6	CFM CFM CFM CFM	27H 27H 27H 27H	23.9 25.4 27.0 24.3	31.8 29.2 29.0 23.6
SS911	CRIBBWR FAWR	U281	183	N51 31 58 W 3 42 57		J26	26	41	11.8	241 322	17.4 19.3	23.2 23.3	CFM CFM	27H 27H	17.4 19.3	23.2 23.3
SS912	TRANE COLLIERY	U2978	1892	N51 35 31 W 3 28 32		J26	23	256	10.5	246 310 317 396 396	15.6 16.1 16.4 18.8 16.9	20.7 18.1 18.6 21.0 16.2	CFM CFM CFM LOG CFM	27H 27H 27H 27H 27H	15.6 16.1 16.4 18.8 16.9	20.7 18.1 18.6 21.0 16.2
ST 3 (ST95NE/001)	DEVIZES 1	39603	15699	N51 18 41 W 2 3 25		CAM	72	55	11.2	1066	40.0	27.0	BHT	5H	49.0	35.5
ST 4 (ST35SW/003)	BURTON ROW	33356	15208	N51 15 48 W 2 57 8		BGS	72	8	11.5	1022	32.8	20.8	LOG	9H	35.8	23.8
ST 5 (ST19SW/018)	SENGHENYDD NO.1	31268	19175	N51 37 2 W 3 15 40		CAM	73	323	9.6	2844	62.8	18.7	BHT	20H	64.3	19.2
ST 7 (ST23NW/008)	CURRYPOOL FARM	32270	13871	N51 8 30 W 3 6 18	HF	IC3	76	49	11.2	183 210	13.8 13.2	14.2 9.5	EQM LOG			

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ST 10 (ST57SE/073)	ASHTON PARK	35633 17146	N51 26 23 W 2 37 42		BGS	53	18	11.4	664	23.9	18.8	LOG	1H	-	-
ST 12 (ST24SW/001)	CANNINGTON PARK (KNAP FARM)	32479 14011	N51 9 17 W 3 4 31	HF	BGS IC6	76	43	11.2	202	13.4	10.9	EQM			
									301	14.6	11.3	EQM			
									400	15.8	11.5	EQM			
									500	16.9	11.4	EQM			
									602	18.0	11.3	EQM			
									701	19.1	11.3	EQM			
									1153	26.7	13.4	BHT	24H	26.7	13.4
ST 17	LADY WINDSOR 1	30557 19379	N51 38 4 W 3 21 52		NCB		206	10.3	770	30.5	26.2	BHT	2H	-	-
ST 18 (ST92NW/002)	TUCKING MILL	3936 1291	N51 3 38 W 2 5 28		BGS	77	122	10.8	233	22.4	49.8	BHT	2D	22.4	49.8
ST 38 (ST95NE/002)	WEST LAVINGTON	39898 15633	N51 18 19 W 2 0 52	HF	OX2		83	11.1	152	14.3	21.1	EQM			
ST 49 (ST63SE/019)	BRUTON	36896 13284	N51 5 37 W 2 26 36		BGS	82	6	11.5	380	22.0	27.6	BHT	2D	22.0	27.6
ST 50	CHARD	33430 10653	N50 51 14 W 2 56 1	HF	IC6	83	85	11.0	289	20.5	32.9	EQM			
									299	22.0	36.8	BHT			
ST901	DEEP NAVIGATION	U3094 1970	N51 39 50 W 3 18 36		J24	24	158	10.5	571	22.9	21.7	CFM	2H	-	-
									576	23.2	22.0	CFM	2H	-	-
									619	24.9	23.3	CFM	2H	-	-
									629	26.4	25.3	CFM	2H	-	-
									652	27.8	26.5	CFM	2H	-	-
									680	25.9	22.6	CFM	2H	-	-
									705	26.1	22.1	CFM	2H	-	-
									707	25.8	21.6	CFM	2H	-	-
									731	27.8	23.7	CFM	2H	-	-

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ST903	BEDWAS COLLIERY	U3178	1894	N51 35 49		J24	24	159	10.5	408	16.4	14.5	CFM	2H	-	-
				W 3 11 12						569	20.6	17.8	CFM	2H	-	-
	(ST18NE/007)									645	21.1	16.4	CFM	2H	-	-
										679	24.9	21.2	CFM	2H	-	-
										715	24.9	20.1	CFM	2H	-	-
										728	25.7	20.9	CFM	2H	-	-
ST904	LLANBRADACH COLL	U3149	1909	N51 36 36		J26	23	244	10.0	527	23.9	26.4	CFM	27H	23.9	26.4
				W 3 13 45						573	23.3	23.2	CFM	27H	23.3	23.2
	(ST19SW/010)									622	23.2	21.2	CFM	27H	23.2	21.2
										631	20.2	16.2	CFM	27H	20.2	16.2
										633	19.9	15.6	CFM	27H	19.9	15.6
										639	21.6	18.2	CFM	27H	21.6	18.2
										686	23.3	19.4	CFM	27H	23.3	19.4
ST905	YNIS MAERDY SINK	U3032	1839	N51 32 43		J26	24	25	11.4	156	14.0	16.7	CFM	27H	14.0	16.7
				W 3 23 46						201	15.3	19.4	CFM	27H	15.3	19.4
ST906	BRITANNIA COLL.	U3158	1980	N51 40 26		J24	23	163	10.5	701	24.9	20.5	CFM	27H	24.9	20.5
				W 3 13 4						736	25.0	19.7	CFM	27H	25.0	19.7
	(ST19NE/042)															
ST907	NANTGARW COLL.	U3119	1857	N51 33 46		J26	24	110	10.8	804	21.7	13.6	CFM	27H	21.7	13.6
				W 3 16 16						810	21.4	13.1	CFM	27H	21.4	13.1
	(ST18NW/004)															
ST908	CWM COLLIERY	U3085	1820	N51 31 44		J24	24	122	10.8	823	23.3	15.2	CFM	2H	-	-
				W 3 19 9												
ST909	KINGSWOOD COLL.	U366	173	N51 27 16		BAR	NC		11.5	376	12.6	2.9	CFM	1H	-	-
				W 2 29 22						417	19.3	18.7	CFM	1H	-	-
	(ST67SE/022)									439	20.9	21.4	CFM	1H	-	-
										539	23.7	22.6	CFM	1H	-	-
ST910	ALBION COLLIERY	U3086	1932	N51 37 47		J26	24	114	10.8	495	23.7	26.1	CFM	27H	23.7	26.1
				W 3 19 14						503	22.2	22.7	CFM	27H	22.2	22.7
										522	22.3	22.0	CFM	27H	22.3	22.0
ST911	GREAT WESTERN	U304	191	N51 36 33		J26	24	75	11.1	158	15.4	27.2	CFM	27H	15.4	27.2
				W 3 23 11												

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SU 1	WINCHESTER NO.1	45034 12849	N51 3 10	GEOCH	B.P	60	62	11.1	598	30.0	31.6	LOG			
			W 1 16 54						648	28.3	26.5	BHT			
	(SU52NW/001)								1246	48.0	29.6	DST			
									1780	51.1	22.5	BHT			
SU 2	WINCHESTER NO.2	45449 12762	N51 2 41		B.P	60	137	10.7	648	28.3	27.2	BHT			
			W 1 13 21												
	(SU52NW/002)														
SU 4	WINCHESTER NO.4	45109 13011	N51 4 3		B.P	60	92	10.9	690	24.4	19.6	BHT	2H	-	-
			W 1 16 14												
	(SU53SW/001)														
SU 5	WINCHESTER NO.5	45025 12706	N51 2 24		B.P	60	124	10.8	565	26.7	28.1	BHT	1H	-	-
			W 1 16 59						607	23.9	21.6	BHT	2H	-	-
	(SU52NW/003)														
SU 10	STRAT A1	49478 15278	N51 15 56		ESO	66	42	10.7	963	35.6	25.9	BHT			
			W 0 38 28												
	(SU95SW/005)														
SU 11	STRAT B1	46882 16522	N51 22 52		ESO	66	53	10.7	748	30.0	25.8	BHT			
			W 1 0 39												
	(SU66NE/021)														
SU 12	MIDDLETON NO.1	49739 10151	N50 48 17		PEN	71	2	11.5	777	30.0	23.8	BHT			
			W 0 37 3						2128	65.6	25.4	LOG			
	(SU90SE/005)														
SU 13	SONNING EYE NO.1	4742 1758	N51 28 32		BRA	74	37	10.8	420	15.5	11.2	DST			
			W 0 55 53						606	28.8	29.7	DST			
	(SU77NW/002)								868	32.2	24.7	BHT	3H	-	-
SU 15	FARINGDON NO.1	43225 19399	N51 38 36		DAR	55	88	11.0	954	30.8	20.8	BHT			
			W 1 32 1												
	(SU39SW/001)														
SU 18	CRANBOURNE NO.1	40355 10895	N50 52 46		B.P	72	53	11.2	599	20.0	14.7	BHT	3H	-	-
			W 1 56 58						1561	62.8	33.1	BHT	5H	78.8	43.3
	(SU00NW/001)								2034	60.0	24.0	BHT	6H	72.0	29.9
SU 19	COOLES FARM NO.1	40164 19214	N51 37 39		SHL	76	90	11.0	488	28.3	35.5	BHT	4H	-	-
			W 1 58 34						1298	58.9	36.9	BHT	9H	65.9	42.3
	(SU09SW/052)								2740	74.5	23.2	BHT	10H	80.5	25.4
									3431	86.7	22.1	BHT	12H	90.7	23.2

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SU 20	FORDINGBRIDGE (SU11SE/001)	41876 11181	N50 54 18 W 1 43 59	GEOCH	B.P	58	67	11.1	208 1367	19.6 47.8	40.9 26.8	DST BHT			
SU 21	SHALFORD NO.1 (SU94NE/002)	49821 14679	N51 12 40 W 0 35 37	GEOCH	B.P	58	49	11.2	1258 1739	52.0 70.0	32.4 33.8	DST BHT			
SU 22	HIGHWORTH NO 1 (SU19SE/007)	41830 19145	N51 37 16 W 1 44 8		COG	76	104	9.5	1053 1160	37.8 40.0	26.9 26.3	BHT BHT	14H 15H	39.3 41.0	28.3 27.2
SU 23	BUNKERS HILL (SU31SW/027)	43040 11498	N50 55 58 W 1 34 2	HF	BGS	77	39	11.3	185	17.0	30.8	BHT	24H	17.0	30.8
SU 25	FAIR CROSS	46972 16323	N51 21 48 W 0 59 55	GEOCH HF	OX2		55	10.3	310	19.9	31.0	EQM			
SU 26	BARTON STACEY (SU44SW/014)	4437 1428	N51 10 56 W 1 22 29	HF	OX2		65	9.5	270	16.2	24.8	EQM			
SU 27	CLUMPHILL	4066 1064	N50 51 23 W 1 54 22	HF	OX2		50	11.0	500	26.6	31.2	EQM			
SU 55	RIDGEWAY DOWN (SU48SW/005)	4428 1845	N51 33 26 W 1 22 57	GEOCH		74	198	10.3	155	11.0	4.5	DST			
SU 58	BOXALLS LANE 16	48619 14930	N51 14 9 W 0 45 55	GEOCH		76	70	11.1	400	25.0	34.8	DST			
SU 59	TONCHAM 2 (SU84NE/005)	48836 14942	N51 14 11 W 0 44 3	GEOCH		74	75	11.0	400	25.0	35.0	DST			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SU 61 (SU04SW/001)	SHREWTON	40314 14199	N51 10 35 W 1 57 18	HF	DEN	79	136	11.5	1391	44.4	23.7	BHT	8H	48.4	26.5
									1391	46.1	24.9	BHT	13H	47.6	26.0
									1391	46.7	25.3	BHT	17H	47.7	26.0
									2130	70.8	27.8	LOG	30H	71.3	28.1
									2342	70.0	25.0	BHT	11H	75.0	27.1
									2342	71.1	25.4	BHT	26H	72.1	25.9
									2946	103.3	31.2	BHT	14H	106.3	32.2
									2959	101.1	30.3	BHT	6H	113.1	34.3
SU 65 (SU35NW/010)	VERNHAM DEAN	4343 1565	N51 18 22 W 1 30 28	HF	OX2		137	10.1	130	12.2	16.2	EQM			
SU 72 (SU31SE/227)	MARCHWOOD	43991 11118	N50 53 53 W 1 25 56	HF	BGS	80	2	11.5	258	20.9	36.4	EQM			
									496	26.7	30.6	EQM			
									755	36.0	32.5	EQM			
									993	47.5	36.3	EQM			
									1252	55.4	35.1	EQM			
									1511	66.1	36.1	EQM			
									1667	70.0	35.1	PRO			
									1670	67.0	33.2	DST			
									1685	67.0	32.9	DST			
									1710	72.0	35.4	EQM			
									1763	63.0	29.2	DST			
									1959	67.9	28.8	BHT	12H	71.9	30.8
									1959	62.8	26.2	BHT	18H	64.8	27.2
									1959	76.8	33.3	BHT	31H	76.8	33.3
									1959	75.9	32.9	LOG	31H	75.9	32.9
									2604	75.2	24.5	BHT	11H	80.2	26.4
									2604	79.1	26.0	BHT	16H	82.1	27.1
									2604	82.9	27.4	BHT	24H	83.9	27.8
									2604	83.3	27.6	BHT	32H	83.3	27.6
									2604	84.6	28.1	LOG	32H	84.6	28.1
SU 81	YARNBURY NO 1	40337 14100	N51 10 3 W 1 57 6		CAR	80	154	10.6	713	27.8	24.1	BHT	3H	-	-
									1671	57.2	27.9	BHT	12H	61.2	30.3

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SU 82	HUMBLY GROVE NO1	47115 14484	N51 11 52		CAR	80	139	10.7	251	23.3	50.2	BHT	13H	24.8	56.2
			W 0 58 53						251	24.7	55.8	LOG	13H	26.2	61.8
	(SU74SW/001)								838	41.7	37.0	BHT			
									838	42.2	37.6	BHT	6H	49.2	45.9
									838	43.3	38.9	BHT			
									1156	43.9	28.7	BHT			
									1524	48.9	25.1	BHT			
									1524	54.4	28.7	BHT	10H	60.4	32.6
									1524	55.6	29.5	BHT			
									1524	57.2	30.5	BHT	22H	58.7	31.5
									1524	58.3	31.2	BHT	26H	59.3	31.9
SU 83	FARLEY SOUTH NO 1	42360 12853	N51 3 18		SHL	80	66	11.1	298	19.4	27.9	BHT	5H	28.4	58.1
			W 1 39 47						850	32.8	25.5	LOG	12H	34.8	27.9
	(SU22NW/002)								868	35.0	27.5	BHT	26H	35.0	27.5
									881	34.4	26.4	BHT	12H	36.4	28.7
									1978	58.9	24.2	BHT	6H	70.9	30.2
									1978	62.8	26.1	BHT	13H	66.8	28.2
									1978	65.6	27.6	BHT	22H	67.1	28.3
									1978	69.7	29.6	LOG			
SU 84	LOCKERLEY NO 1	43068 12591	N51 1 52		SHL	81	40	11.3	302	23.9	41.7	BHT	2H	-	-
			W 1 33 44						887	35.0	26.7	BHT	4H	-	-
	(SU32NW/015)								887	36.7	28.6	BHT	8H	40.7	33.1
									2031	65.6	26.7	BHT	7H	75.6	31.7
									2031	66.7	27.3	BHT			
									2031	67.2	27.5	BHT	16H	70.2	29.0
									2031	73.9	30.8	BHT			
									2031	79.2	33.4	LOG			
SU 85	HARWELL NO 3	44680 18644	N51 34 28	HF	BGS	81	128	10.7	199	15.2	22.6	EQM			
			W 1 19 29		IC6				357	20.1	26.3	EQM			
	(SU48NE/092)								547	21.0	18.8	BHT	22H	21.0	18.8
									547	22.0	20.7	BHT	28H	22.0	20.7
SU 88	HOE NO1	43845 11915	N50 58 12		AMO	82	47	11.2	264	23.3	45.8	BHT	3H	-	-
			W 1 27 8						1123	48.9	33.6	BHT	6H	55.9	39.8
	(SU31NE/357)								1892	66.7	29.3	BHT	15H	69.7	30.9
SU 89	HUMBLY GROVE 2	47053 14528	N51 12 7		CAR	82	137	10.7	1253	43.3	26.0	BHT	45H	43.3	26.0
			W 0 59 25						1504	51.1	26.9	BHT	3H	-	-
	(SU74NW/005)														
SU 90	HUMBLY GROVE 3	47261 14519	N51 12 3		CAR	82	156	10.6	941	38.9	30.1	BHT	16H	39.9	31.1
			W 0 57 38						1609	52.8	26.2	BHT	4H	-	-
	(SU74NW/006)														

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SU 91	HUMBLY GROVE 4	47115 14484	N51 11 52 W 0 58 54		CAR	82	145	10.6	1068 1154 1286 1453	41.1 41.1 46.1 48.3	28.6 26.4 27.6 25.9	BHT BHT BHT BHT	13H 13H 3H 4H	42.6 42.6 - -	30.0 27.7 - -
SU 92	HESTERS COPSE 1	47355 14642	N51 12 42 W 0 56 49		CAR	83	148	10.6	1065 1065 1577	41.1 43.3 56.7	28.6 30.7 29.2	BHT BHT BHT	 11H 29H	 45.3 57.2	 32.6 29.5
	(SU74NW/008)														
SU 93	INWOOD COPSE NO1	46110 14637	N51 12 46 W 1 7 31		VOY	82	185	10.4	1097 1950 1950	41.1 51.7 60.0	28.0 21.2 25.4	BHT BHT BHT	16H 7H 13H	42.1 61.7 64.0	28.9 26.3 27.5
	(SU64NW/049)														
SU 94	BAXTERS COPSE NO1	49150 11772	N50 57 4 W 0 41 50		CON	83	71	11.1	630 1862 1862	32.8 70.6 73.9	34.4 32.0 33.7	BHT BHT BHT	4H 19H 22H	- 72.6 75.4	- 33.0 34.5
	(SU91NW/010)														
SU 95	CHALGROVE	4654 1963	N51 39 40 W 1 3 16	HF	IC6	83	77	10.5	324	21.8	34.9	EQM			
SU 96	SOUTHAMPTON NO1 (W.ESPLANADE)	44156 11202	N50 54 20 W 1 24 32	HF	IC6	83	3	11.5	200 400 600 800 1000 1200 1400 1600 1800 1818	18.1 23.3 28.2 37.5 47.6 54.3 61.7 70.3 76.1 76.6	33.0 29.5 27.8 32.5 36.1 35.7 35.9 36.7 35.9 35.8	EQM EQM EQM EQM EQM EQM EQM EQM EQM EQM			
SU 98	SWINDON G.W.R	41412 18519	N51 33 54 W 1 47 47		GWR	NC	100	10.9	224	17.8	30.8	PRO			
SU 99	WELFORD PARK	44065 17361	N51 27 34 W 1 24 53		NCB	83	125	10.8	953	37.5	28.0	EQM			
SU102	GODLEY BRIDGE NO1	49523 13664	N51 7 14 W 0 38 21		CON	82	66	11.1	703 2158 2158 2583 2584 2583	43.3 73.9 75.6 77.8 76.1 76.7	45.8 29.1 29.9 25.8 25.2 25.4	BHT BHT BHT BHT BHT BHT	3H 12H 21H 9H 13H	- 77.9 77.1 83.1 80.7	- 31.0 30.6 27.9 26.9
	(SU93NE/021)														

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP. C.	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SW 1 (SW63NW/051)	PARBOLA	16157 03633	N50 10 41 W 5 20 23		BGS	73	81	11.5	305	26.0	47.5	LOG	24H	26.0	47.5
SW 6	WHEAL JANE E	1761 0425	N50 14 21 W 5 8 25	HF	IC2	73	47	9.4	100	14.1	47.0	EQM			
SW 7	WHEAL JANE I	1778 0432	N50 14 46 W 5 7 1		IC2	74	110	9.0	100 200 300 400	13.2 16.4 21.8 26.0	42.0 37.0 42.7 42.5	EQM EQM EQM EQM			
SW 8	WHEAL JANE P	1784 0438	N50 15 7 W 5 6 32	HF	IC2	74	14	11.4	100 200	15.7 20.0	43.0 43.0	EQM EQM			
SW 9	WHEAL JANE O	1782 0436	N50 15 0 W 5 6 41	HF	IC2	74	72	11.1	100 200 300	15.2 19.8 23.2	41.0 43.5 40.3	EQM EQM EQM			
SW 10 (SW73SW/001)	LONG DOWNS	17365 03461	N50 10 2 W 5 10 14	HF	IC3	74	148	9.9	101 183	13.4 16.2	34.7 34.4	EQM EQM			
SW 12	CROFTY MINE	1666 0413	N50 13 29 W 5 16 21	GEOCH	JAM	69	113	11.3	693	41.0	42.9	MWT			
SW 16 (SW61NE/001)	PREDANNACK	16901 01634	N50 0 6 W 5 13 25	HF	IC3	80	88	11.5	304 322	19.4 21.2	26.0 30.1	EQM BHT			
SW 31	ROSEMANOWES A	17352 03456	N50 10 1 W 5 10 18	HF	IC3	80	180	10.9	303	19.7	29.0	EQM			
SW 32	ROSEMANOWES D	17352 03460	N50 10 2 W 5 10 18	HF	IC3	80	180	10.9	292	19.4	29.1	EQM			
SW 43	KENNACK SANDS	17325 01647	N50 0 16 W 5 9 53	HF	IC3	80	15	11.9	152	16.3	28.9	EQM			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SW 45	KESTLE WARTHA	17533 02579	N50 5 20 W 5 8 28	HF	IC3	80	61	11.6	149	15.5	26.2	EQM			
SW 46	GAVERIGAN	19316 05916	N50 23 42 W 4 54 38	HF	IC3	80	134	11.2	326	22.6	35.0	EQM			
SW 47	ROSEMANOWES RH12	1735 0346	N50 10 3 W 5 10 19		CSM	83	180	10.9	2000	79.0	34.0	EQM			
SW901	BINNER DOWNS	U1613 0341	N50 9 29 W 5 20 32		JAM	NC	87	11.5	340	30.3	55.3	MWT			
SW902	CARN BREA	U1679 0411	N50 13 25 W 5 15 15		JAM	NC	126	11.2	240 276	16.1 17.2	20.4 21.7	MWT MWT			
SW903	DOLCOATH MINE	U1660 0405	N50 13 3 W 5 16 50		JAM	NC	110	11.3	552 914	33.3 42.2	39.9 33.8	MWT MWT			
SW904	NORTH ROSKEAR	U1656 0415	N50 13 34 W 5 17 12		JAM	NC	100	11.4	251	22.8	45.4	MWT			
SW905	SOUTH ROSKEAR	U1653 0410	N50 13 18 W 5 17 26		JAM	NC	107	11.4	214 254	16.7 21.7	24.8 40.6	MWT MWT			
SW907	CONSOLS	U1505 0398	N50 12 17 W 5 29 49		JAM	NC	100	11.4	247 247	20.6 21.7	37.2 41.7	MWT MWT			
SW908	BOTALLACK	U1365 0331	N50 8 19 W 5 41 17		JAM	NC	107	11.4	181	16.1	26.0	MWT			
SW909	LEVANT	U1369 0345	N50 9 5 W 5 41 0		JAM	NC	80	11.5	252	19.4	31.3	MWT			
SW910	BOSCASWELL	U1382 0344	N50 9 4 W 5 39 55		JAM	NC	128	11.2	212	15.0	17.9	MWT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)		LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SW911	TRESAVEAN	U1720	0393	N50 12 32 W 5 11 45		JAM	NC	197	10.8	439 483 483	25.6 28.3 30.0	33.7 36.2 39.8	MWT MWT MWT			
SW912	WHEAL BULLER	U1702	0399	N50 12 49 W 5 13 17		JAM	NC	213	10.7	163 181	15.6 16.1	30.1 29.8	MWT MWT			
SW913	WHEAL REETH	U1505	0368	N50 10 40 W 5 29 42		JAM	NC	184	10.9	452	24.4	29.9	MWT			
SW914	WHEAL BEAUCHAMP	U1696	0400	N50 12 52 W 5 13 47		JAM	NC	186	10.9	181	14.4	19.3	MWT			
SW915	WHEAL DARLINGTON	U1513	0318	N50 8 0 W 5 28 50		JAM	NC	12	11.9	165	17.8	35.8	MWT			
SW916	MARAZION	U1523	0306	N50 7 23 W 5 27 56		JAM	NC	15	11.9	183	18.9	38.3	MWT			
SW917	WHEAL FORTUNE	U1528	0326	N50 8 28 W 5 27 36		JAM	NC	30	11.8	263	22.8	41.8	MWT			
SW918	WHEAL HERLAND	U1595	0371	N50 11 3 W 5 22 9		JAM	NC	67	11.6	278	25.0	48.2	MWT			
SW919	GODOLPHIN	U1600	0321	N50 8 22 W 5 21 33		JAM	NC	55	11.7	168	21.1	56.0	MWT			
SW920	GREATWORK	U1596	0305	N50 7 30 W 5 21 49		JAM	NC	122	11.3	176 260	16.9 18.1	31.8 26.2	MWT MWT			
SW921	EAST CROFTY	U1661	0415	N50 13 35 W 5 16 47		JAM	NC	91	11.5	247	21.7	41.3	MWT			
SW922	UNITED MINES	U1745	0412	N50 13 37 W 5 9 43		JAM	NC	76	11.5	293 336 336	26.7 31.1 32.2	51.9 58.3 61.6	MWT MWT MWT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SW923	COLSOLS	U1745 0412	N50 13 37 W 5 9 43		JAM	NC	250	10.5	280 476 476	20.0 32.8 34.4	33.9 46.8 50.2	MWT MWT MWT			
SW924	WHEAL TRUMPET	U1677 0303	N50 7 35 W 5 15 1		JAM	NC	130	11.2	234 271	18.3 20.3	30.3 33.6	MWT MWT			
SW925	WHEAL VOR	U1625 0305	N50 7 34 W 5 19 23		JAM	NC	100	11.4	271 347 439	20.6 20.3 27.2	33.9 25.6 36.0	MWT MWT MWT			
SW926	GEEVOR	13772 03476	N50 9 14 W 5 40 20	HF	IC1	64	98	11.4	203 233 264 297 332 368 403	17.4 18.9 20.4 21.4 22.4 24.0 25.2	29.6 32.2 34.1 33.7 33.1 34.2 34.2	EQM EQM EQM EQM EQM EQM EQM			
SW928	SOUTH CROFTY	16663 04130	N50 13 29 W 5 16 20	HF	IC1	64	111	11.3	440 525 565 608 650	27.5 30.0 32.0 33.1 34.8	36.8 35.6 36.6 35.9 36.2	EQM EQM EQM EQM EQM			
SW929	PENDARVES MINE	1647 0383	N50 11 50 W 5 17 50	GEOCH		69	107	11.4	231	19.0	32.9	MWT			
SX 2 (SX18NE/001)	WILSEY DOWN	21788 08907	N50 40 20 W 4 34 40	HF	IC1	69	232	10.7	260 425 646 725	19.5 24.0 32.5 34.8	33.8 31.3 33.7 33.2	EQM EQM EQM EQM			
SY 1 (SY39NE/001)	MARSHWOOD NO.1	33885 09880	N50 47 5 W 2 52 3		CAW	74	93	10.9	1898	68.2	30.2	BHT			
SY 3 (SY97NW/003)	KIMMERIDGE NO.2	39114 07915	N50 36 41 W 2 7 31	GEOCH	B.P	66	40	11.3	625 643	36.0 29.4	39.5 28.1	DST BHT			
SY 6 (SY68SW/002)	LANGTON HERRNG S	36063 08172	N50 38 0 W 2 33 24	GEOCH	B.P	59	10	11.4	263 341	20.0 26.1	32.7 43.1	DST BHT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SY 7 (SY97NW/002)	ENCOMBE NO.1	39412 07832	N50 36 14 W 2 4 59	GEOCH	B.P	65	79	11.0	580	29.0	31.0	DST			
SY 8 (SY98NE/001)	WYTCH FARM NO.1	39804 08536	N50 40 2 W 2 1 39		GAS	73	6	11.5	595	25.6	23.7	BHT			
SY 9 (SY59NW/001)	NETTLECOMBE NO.1	35053 09543	N50 45 20 W 2 42 5		BER	72	135	10.7	2135	68.8	27.2	BHT			
SY 12 (SY98NE/005)	ARNE NO.1	39575 08704	N50 40 56 W 2 3 36		GAS	75	4	11.5	1131	42.8	27.7	BHT	18H	43.3	28.1
SY 13 (SY78SE/003)	CHALDON HERRING	37839 08388	N50 39 13 W 2 18 20		B.P	55	84	11.0	574	28.3	30.1	BHT			
SY 14 (SY98NE/002)	WYTCH FARM 2	39895 08554	N50 40 8 W 2 0 53		GAS	75	8	11.5	733 1142	26.7 37.8	20.7 23.0	BHT BHT	4H 12H	- 39.8	- 24.8
SY 15 (SY98NE/003)	WYTCH FARM 3	39720 08537	N50 40 2 W 2 2 22		GAS	75	7	11.5	1018 1018	34.4 37.8	22.5 25.8	BHT BHT	4H 23H	- 37.8	- 25.8
SY 16 (SY98NE/004)	WYTCH FARM 4	39947 08566	N50 40 12 W 2 0 27		GAS	75	6	11.5	1066	35.6	22.6	BHT	13H	37.1	24.0
SY 17 (SY89NE/001)	BERE REGIS NO.1	38642 09562	N50 45 33 W 2 11 33	GEOCH	B.P	59	66	11.1	908 1684	45.0 57.2	37.3 27.4	DST BHT			
SY 18 (SY97NW/006)	KIMMERIDGE NO.3	38978 07895	N50 36 34 W 2 8 39	GEOCH	B.P	60	14	11.4	592 899 902	27.8 36.7 49.0	27.7 28.1 41.7	BHT BHT DST			
SY 19 (SY68SW/001)	LANGTON HERRNG 1	36232 08284	N50 38 36 W 2 31 58		B.P	59	62	11.2	397 426	25.0 26.1	34.8 35.0	BHT BHT			
SY 20 (SY68SE/024)	RADIPOLE NO.1	36588 08148	N50 37 53 W 2 28 56		B.P	59	10	11.4	618	30.0	30.1	BHT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SY 21 (SY98NW/002)	WAREHAM NO.1	39092 08783	N50 41 22 W 2 7 43	GEOCH	GAS	64	5	11.5	1128	50.6	34.7	BHT			
									1200	48.7	31.0	DST			
									1746	52.2	23.3	BHT			
SY 22 (SY98NW/003)	WAREHAM NO.2	39093 08834	N50 41 38 W 2 7 42	GEOCH	GAS	65	29	11.3	1247	55.0	35.0	DST			
									1291	44.4	25.6	BHT	4H	-	-
SY 23 (SY89NW/001)	WINTERBORNE KNST	38470 09790	N50 46 47 W 2 13 1	HF	BGS	77	61	11.1	200	14.7	18.0	EQM			
									400	20.5	23.5	EQM			
									600	29.0	29.8	EQM			
									663	28.3	25.9	BHT	8H	32.3	32.0
									800	37.2	32.6	EQM			
									1242	43.3	25.9	BHT	4H	-	-
									1245	43.9	26.3	BHT	7H	48.9	30.4
									1245	44.4	26.7	BHT	10H	46.9	28.8
									1445	60.6	34.3	EQM			
									1600	67.9	35.5	EQM			
									1800	75.4	35.7	EQM			
									2000	80.3	34.6	EQM			
									2200	85.0	33.6	EQM			
									2300	87.7	33.3	EQM			
									2390	85.0	30.9	DST			
									2420	85.0	30.5	DST			
									2516	73.3	24.7	BHT	7H	83.3	28.7
									2516	75.0	25.4	BHT	12H	79.0	27.0
									2516	81.1	27.8	BHT	22H	82.6	28.4
									2516	82.2	28.3	BHT	25H	83.2	28.7
									3038	98.3	28.7	BHT	10H	104.3	30.7
									3038	100.6	29.5	BHT	15H	103.6	30.4
									3038	101.7	29.8	BHT	21H	103.2	30.3
SY 29 (SY78SW/002)	OSMINGTON NO 2	37170 08390	N50 39 12 W 2 24 1		NOR	70	40	11.3	359	24.4	36.5	BHT	6H	31.4	56.0
SY 30 (SY68SW/003)	SEABARN FARM	36263 08054	N50 37 22 W 2 31 42	HF	BGS	78	64	10.7	200	17.4	33.5	EQM			
									300	21.1	34.7	EQM			
									420	23.0	29.3	BHT	19H	23.5	30.5
					OX				420	25.5	35.2	EQM			
SY 31 (SY98NW/005)	STOBOROUGH NO 1	39126 08659	N50 40 41 W 2 7 25		GAS	77	11	11.4	930	36.7	27.2	DST			
									966	42.2	31.9	BHT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SY 34	WAREHAM NO 3	39059 08721	N50 41 2 W 2 7 59		GAS	77	16	11.4	1395	41.1	21.3	BHT	39H	41.1	21.3
	(SY98NW/004)								1395	42.2	22.1	BHT			
SY 35	WYTCH FARM D5	39947 08565	N50 40 11 W 2 0 27		GAS	78	18	11.4	988	36.7	25.6	BHT	6H	43.7	32.7
	(SY98NE/004A)								988	41.1	30.1	BHT	10H	43.6	32.6
									1781	68.3	31.9	BHT	21H	69.8	32.8
									1781	69.4	32.6	BHT	31H	69.4	32.6
									2738	92.2	29.5	BHT	28H	92.7	29.7
									2748	92.8	29.6	BHT			
SY 43	WYTCH FARM X14	39804 08526	N50 39 59 W 2 1 39		GAS	79	5	11.5	995	39.4	28.0	BHT	5H	48.4	37.1
	(SY98NE/001A)								997	41.1	29.7	BHT			
									1811	65.6	29.9	BHT	6H	77.6	36.5
									1811	70.6	32.6	BHT	10H	76.6	35.9
									1811	71.7	33.2	BHT	14H	74.7	34.9
									1811	72.2	33.5	BHT	22H	73.7	34.3
									2701	91.7	29.7	BHT	4H	-	-
									2701	96.1	31.3	BHT	12H	100.1	32.8
									2701	92.8	30.1	BHT	24H	93.8	30.5
SY 46	WAREHAM D4	38976 08870	N50 41 50 W 2 8 42		GAS	80	18	11.4	1214	37.8	21.7	BHT	23H	37.8	21.7
	(SY88NE/013)								1214	39.4	23.1	BHT	28H	39.4	23.1
SY 50	STOBOROUGH NO 2	39126 08659	N50 40 42 W 2 7 25		GAS	81	12	11.5	1223	19.4	6.5	BHT	5H	28.4	13.8
	(SY98NW/020)								1223	42.8	25.6	BHT	11H	44.8	27.2
									1223	43.3	26.0	BHT	15H	44.3	26.8
SY 51	WAREHAM C6	39059 08721	N50 41 2 W 2 7 59		GAS	80	19	11.4	1071	42.2	28.8	BHT	7H	47.2	33.4
	(SY98NW/021)								1071	42.8	29.3	BHT	13H	44.3	30.7
									1165	43.3	27.4	BHT	6H	50.3	33.4
									1867	56.7	24.3	BHT	7H	66.7	29.6
									1867	57.2	24.5	BHT	12H	61.2	26.7
									1867	62.8	27.5	BHT	15H	65.8	29.1
									1867	65.0	28.7	BHT	19H	67.0	29.8
SY 52	BUSHEY FARM A1	39694 08305	N50 38 47 W 2 2 35		GAS	81	34	11.3	1153	43.3	27.8	BHT	13H	44.8	29.1
	(SY98SE/004)								1153	44.4	28.7	BHT	16H	45.4	29.6
									1878	74.4	33.6	DST			
									2020	67.8	28.0	BHT	12H	71.8	30.0
									2020	71.1	29.6	BHT	15H	74.1	31.1
SY 54	WYTCH FARM B22	39725 08528	N50 40 0 W 2 2 20		GAS	81	9	11.4	1093	37.8	24.2	BHT	4H	-	-
	(SY98NE/008)								1933	56.7	23.4	BHT	5H	72.7	31.7

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SY 55	WYTCH FARM B21	39725 08528	N50 40 0 W 2 2 20		GAS	81	9	11.4	1658	43.3	19.2	BHT	6H	50.3	23.5
(SY98NE/007)															
SY 56	WYTCH FARM B20	39725 08528	N50 40 0 W 2 2 20		GAS	81	8	11.5	1181	43.3	26.9	BHT			
									1275	45.0	26.3	BHT	7H	50.0	30.2
(SY98NE/006)															
SY 57	WITHYCOMBE RALEIG	30330 08407	N50 38 52 W 3 22 4	HF	IC6	83	122	10.8	263	18.0	27.4	EQM			
SY 58	VENN OTTERY	30569 09114	N50 42 42 W 3 20 9	HF	IC6	83	120	10.8	308	19.6	28.6	EQM			
SZ 1	ARRETON NO.1	45309 08564	N50 40 2 W 1 14 55		GAS	53	31	11.3	1195	53.3	35.1	BHT			
(SZ58NW/002)															
SZ 2	ARRETON NO.2	4532 0858	N50 40 7 W 1 14 49		GAS	74	32	11.3	817	48.7	45.8	BHT	3H	-	-
									817	52.1	49.9	BHT	6H	64.1	64.6
(SZ58NW/001)									817	53.8	52.0	BHT	11H	58.8	58.1
									817	53.8	52.0	BHT	15H	56.8	55.7
									2017	70.0	29.1	BHT	17H	72.0	30.1
									3024	94.1	27.4	BHT	1H	-	-
									3024	95.8	27.9	BHT	11H	100.8	29.6
									3024	95.8	27.9	BHT	24H	96.8	28.3
SZ 4	WYTCH FARM F 15	40104 08574	N50 40 14 W 1 59 7		GAS	80	9	11.4	1029	26.7	14.9	BHT	5H	35.7	23.6
									1029	27.8	15.9	BHT	10H	30.3	18.4
(SZ08NW/010)									1029	29.4	17.5	BHT	13H	30.9	19.0
									1744	51.7	23.1	BHT	9H	58.7	27.1
									1744	52.2	23.4	BHT			
									1744	64.4	30.4	BHT	23H	65.9	31.2
SZ 5	WYTCH FARM F 16	40104 08574	N50 40 14 W 1 59 7		GAS	80	9	11.4	1039	41.7	29.2	BHT			
									1054	46.1	32.9	LOG	15H	47.1	33.9
(SZ08NW/001)									1090	40.6	26.8	BHT	6H	47.6	33.2
									1090	41.1	27.2	BHT	10H	43.6	29.5
									1090	42.2	28.3	BHT	13H	43.7	29.6
									1090	43.3	29.3	BHT	18H	43.8	29.7
SZ 7	WYTCH FARM F17	40104 08574	N50 40 14 W 1 59 7		GAS	81	9	11.4	1099	37.8	24.0	BHT			
									1286	41.7	23.6	BHT	7H	46.7	27.4
(SZ08NW/012)									1286	43.3	24.8	BHT			
									1287	43.9	25.3	BHT			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
SZ 8	WYTCH FARM F18	40104 08574	N50 40 14		GAS	81	9	11.4	1375	43.3	23.2	BHT	5H	52.3	29.7
			W 1 59 7						1375	43.9	23.6	BHT			
(SZ08NW/013)									1375	44.4	24.0	BHT	15H	45.4	24.7
SZ 9	WYTCH FARM F19	40104 08574	N50 40 14		GAS	81	9	11.4	2052	65.6	26.4	BHT	7H	75.6	31.3
			W 1 59 7												
(SZ08NW/014)															
SZ 10	SANDHILL NO1	44570 09085	N50 42 54		GAS	82	24	11.4	490	15.0	7.3	BHT	7H	20.0	17.6
			W 1 21 9						585	15.6	7.2	BHT	5H	24.6	22.6
(SZ49SE/003)									1455	54.4	29.6	BHT	8H	62.4	35.1
									1455	56.1	30.7	BHT	12H	60.1	33.5
									1455	57.2	31.5	BHT	16H	60.2	33.5
SZ 11	WYTCH FARM F23	40104 08574	N50 40 15		GAS	82	10	11.4	1420	53.3	29.5	BHT	8H	61.3	35.1
			W 1 59 7						2735	67.8	20.6	BHT	29H	68.3	20.8
(SZ08NW/015)															
TA 4	ATWICK NO.2	51835 45171	N53 56 51		GAS	73	13	10.4	567	36.7	46.4	BHT	3H	-	-
			W 0 11 47						1725	48.9	22.3	BHT	11H	50.9	23.5
(TA15SE/009)															
TA 5	BARMSTON NO.1	51545 46062	N54 1 42		BUR	71	14	10.4	523	32.8	42.8	BHT			
			W 0 14 14						1360	40.0	21.8	BHT			
(TA16SE/005)									1971	50.0	20.1	BHT			
TA 6	FORDON NO.2	50689 47360	N54 8 48		B.P	74	63	10.1	830	38.9	34.7	BHT	5H	47.9	45.5
			W 0 21 48						2333	73.3	27.1	BHT	18H	75.3	27.9
(TA07SE/019)									2445	73.9	26.1	BHT	6H	85.9	31.0
TA 8	HORNSEA NO.1	51846 45062	N53 56 16		TEX	70	11	10.4	2060	53.3	20.8	BHT	6H	65.3	26.7
			W 0 11 42												
(TA15SE/008)															
TA 9	HUNMANBY	51301 47588	N54 9 57	GEOCH	BUR	73	84	10.0	1327	46.1	27.2	BHT	7H	51.1	31.0
			W 0 16 7						1719	59.4	28.7	BHT	2H	-	-
(TA17NW/010)									2219	73.0	28.4	DST			
									2249	72.8	27.9	LOG			
TA 10	RISBY NO.1	50106 43578	N53 48 29		CAN	72	46	10.2	1502	40.6	20.2	BHT	10H	43.1	21.9
			W 0 27 54												
(TA03NW/083)															
TA 11	TETNEY LOCK	53325 40090	N53 29 16	GEOCH	B.P	63	3	10.5	1635	43.3	20.1	LOG			
			E 0 0 31						1814	61.0	27.8	DST			
(TA30SW/005)									2795	75.6	23.3	BHT	8H	83.6	26.2
									2795	72.8	22.3	LOG			

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TA 12 (TA22SE/007)	WINESTEAD NO.1	52741 42433	N53 41 58 W 0 4 11		CAN	72	7	10.5	2002	58.9	24.2	BHT	5H	74.9	32.2
TA 13 (TA07NE/001)	FORDON NO.1	50582 47570	N54 9 57 W 0 22 44		B.P	56	128	9.7	1737	54.4	25.7	BHT			
									2301	71.1	26.7	BHT			
									2304	72.2	27.1	BHT			
TA 14 (TA14SE/010)	GREAT HATFIELD	51900 44328	N53 52 18 W 0 11 23		B.P	71	13	10.4	1422	46.1	25.1	BHT	10H	48.6	26.9
									2298	61.7	22.3	BHT	11H	66.7	24.5
TA 20 (TA15SE/012)	ATWICK NO 5	51815 45222	N53 57 8 W 0 11 57		GAS	80	16	10.4	866	26.7	18.8	LOG			
									1870	58.9	25.9	BHT	13H	62.9	28.1
TA 21 (TA15SE/011)	ATWICK NO 4	51726 45177	N53 56 54 W 0 12 47		GAS	80	10	10.4	1817	56.7	25.5	BHT			
									1817	58.3	26.4	BHT	17H	60.3	27.5
									1817	60.0	27.3	BHT			
TA 22 (TA15SE/010)	ATWICK NO 3	51779 45186	N53 56 57 W 0 12 17		GAS	76	14	10.4	1735	53.3	24.7	BHT	17H	55.3	25.9
									1881	53.3	22.8	BHT	7H	63.3	28.1
									1903	57.8	24.9	BHT	6H	69.8	31.2
									1903	58.3	25.2	BHT	18H	60.3	26.2
TA 23 (TA00NW/122)	BRIGG NO 1	50377 40639	N53 32 37 W 0 26 2		B.P		10	10.4	989	30.0	19.8	BHT	4H	-	-
									1930	62.8	27.2	BHT	11H	67.8	29.7
									1930	63.9	27.7	BHT	19H	65.9	28.8
									1930	65.6	28.6	BHT	24H	66.6	29.1
									1930	67.7	29.7	BHT	30H	68.2	29.9
TA 25 (TA00NW/123)	BRIGG 2	50378 40639	N53 32 37 W 0 26 1		B.P	83	8	10.5	1980	62.2	26.1	BHT	36H	62.2	26.1
									1991	58.9	24.3	BHT	31H	58.9	24.3
TF 4 (TF51NE/001)	WIGGENHALL NO.1	55941 31537	N52 42 43 E 0 21 36		TEX	71	2	10.5	562	33.3	40.6	BHT	6H	40.3	53.0
TF 5 (TF21SW/001)	SPALDING NO.1	52434 31478	N52 42 57 W 0 9 32		TEX	71	2	10.5	500	26.7	32.4	BHT	12H	28.7	36.4
TF 6 (TF40NW/001)	WISBECH NO.1	54066 30842	N52 39 17 E 0 4 47		TEX	71	1	10.5	324	23.9	41.4	BHT			

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TF 7	WITTERING NO.1	50492 30185	N52 36 14		GAS	66	62	10.1	296	21.1	37.2	BHT			
(TF00SW/176)			W 0 27 2						301	18.3	27.2	BHT			
TF 10	CLINTON NO.1	51502 30526	N52 37 57	GEOCH	B.P	61	9	10.4	317	24.0	42.9	DST			
(TF10NE/001)			W 0 18 1						362	30.0	54.1	BHT	6H	37.0	73.5
TF 11	SOUTH CREAKE 1	58574 33400	N52 52 15		B.P	69	37	10.3	772	32.2	28.4	BHT	3H	-	-
(TF83SE/008)			E 0 45 36												
TF 12	HUNSTANTON 1	56923 34270	N52 57 16		PLE	69	3	10.5	164	23.9	81.7	BHT	3H	-	-
(TF64SE/012)			E 0 31 10						860	51.7	47.9	BHT	2H	-	-
TF 15	BARDNEY NO.1	51192 36862	N53 12 9	GEOCH	B.P	66	6	10.5	1527	55.6	29.5	DST			
(TF16NW/026)			W 0 19 27						1898	62.8	27.6	BHT			
TF 16	HORNCASTLE	52820 36820	N53 11 42		PLE	69	61	10.1	1286	57.2	36.6	BHT	2H	-	-
(TF26NE/007)			W 0 4 50												
TF 17	HELPRINGHAM NO.1	51756 33882	N52 56 0		B.P	69	4	10.5	761	32.2	28.5	BHT	18H	32.7	29.2
(TF13NE/009)			W 0 15 2												
TF 18	NETTLETON	51189 39643	N53 27 8		CAN	72	162	9.5	1556	48.9	25.3	BHT	2H	-	-
(TF19NW/053)			W 0 18 55												
TF 19	SIBSEY NO.1	53610 35020	N53 1 53		BAC	70	3	10.5	1117	45.0	30.9	BHT	4H	-	-
(TF35SE/002)			E 0 1 47												
TF 20	ULCEBY CROSS 1	54140 37385	N53 14 33		EMP	70	98	9.9	1757	60.0	28.5	BHT	6H	72.0	35.3
(TF47SW/015)			E 0 7 9												
TF 21	NOCTON NO.7	50050 36323	N53 9 22		B.P	56	50	10.2	975	25.6	15.8	BHT			
(TF06SW/007)			W 0 29 47												
TF 22	RUSKINGTON NO.1	50920 34974	N53 2 0		B.P	55	8	10.5	1002	31.1	20.6	BHT			
(TF04NE/001)			W 0 22 16												

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TF 23	BURTON LODGE	51142 34384	N52 58 48 W 0 20 25		0X5 NCB	83	16	10.4	200 400 595 600 700	17.0 25.0 29.2 29.5 31.5	33.0 36.5 31.6 31.8 30.1	EQM EQM EQM EQM EQM			
TF 30	DONNINGTON ON BAI (TF28SW/010)	52399 38188	N53 19 9 W 0 8 18		0X2	75	73	10.0	198	19.2	46.5	EQM			
TF 38	NETTLETON BOTTOM	51245 39823	N53 28 7 W 0 18 21		0X5		107	9.9	200 400 520	18.5 27.0 32.0	43.0 42.7 42.5	EQM EQM EQM			
TF 58	WELTON (TF07NW/014)	50361 37681	N53 16 40 W 0 26 45	 IC6	B P	81	17	10.4	815 1599 1599 1599 2562	33.3 48.9 50.6 52.2 82.5	28.1 24.1 25.1 26.1 28.1	BHT BHT BHT BHT EST	4H 7H 11H 18H	- 53.9 55.6 54.2	- 27.2 28.3 27.4
TF 60	NETTLEHAM 1 (TF07SW/036)	50053 37463	N53 15 32 W 0 29 34		B.P	82	34	10.3	830 1480 1480	32.2 46.7 47.8	26.4 24.6 25.3	BHT BHT BHT	4H 12H 20H	- 48.7 48.3	- 25.9 25.7
TF 61	WELTON 2 (TF07NW/017)	50424 37518	N53 15 47 W 0 26 13		B.P	83	16	10.4	1648 1648 1648 1648	45.6 47.8 48.9 52.2	21.4 22.7 23.4 25.4	BHT BHT BHT BHT	7H 14H 17H 28H	50.6 49.3 49.9 52.7	24.4 23.6 24.0 25.7
TF 62	TYDD ST.MARY	5431 3175	N52 44 9 E 0 7 11	HF	IC6	83	2	10.5	295	23.1	42.7	EQM			
TG 1	EAST RUSTON (TG32NE/001)	63539 32678	N52 47 12 E 1 29 28		HAM	71	3	10.5	1529	45.6	23.0	BHT			
TG 2	SAXTHORPE NO.1 (TG13SW/001)	61226 33013	N52 49 35 E 1 9 3		DUP	70	46	10.2	987	29.4	19.5	BHT	5H	38.4	28.6
TG 3	TRUNCH (TG23SE/008)	62933 33455	N52 51 33 E 1 24 25	GEOCH HF	0X2	75	41	10.2	660	27.8	26.7	EQM			

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TG 5 (TG42SE/001)	SOMERTON NO1	64607 32120	N52 43 55 E 1 38 42		CON	69	1	10.5	1401	41.7	22.3	BHT	8H	45.7	25.1
TG 6 (TG23NE/001)	GIMINGHAM	62835 33764	N52 53 14 E 1 23 40		NCB	79	50	10.2	1280	42.0	24.8	BHT			
TG 7 (TG33SW/001)	BACTON NO 2	63339 33449	N52 51 24 E 1 28 1		SHL	77	16	10.4	706	41.1	43.5	BHT	9H	44.1	47.7
									1527	48.9	25.2	BHT	15H	49.9	25.9
									1527	49.4	25.5	BHT	18H	49.9	25.9
TL 1 (TL26SW/002)	GREAT PAXTON	52088 26389	N52 15 34 W 0 13 43		BGS	66	23	10.4	197	13.3	14.7	LOG			
TL 2 (TL27NE/001)	WARBOYS	52903 27839	N52 23 16 W 0 6 13		BGS	65	21	10.4	217	15.8	24.9	LOG			
TL 3 (TL28SW/001)	UPWOOD	52493 28304	N52 25 50 W 0 9 44		BGS	65	6	10.5	211	21.1	50.2	BHT			
TL 4 (TL27SW/025)	HUNTINGDON	52369 27143	N52 19 35 W 0 11 5	HF	IC5		14	10.4	229	17.1	29.3	EQM			
					BGS				235	17.1	28.5	LOG	1H	-	-
TL 12 (TL45NW/049)	CAMBRIDGE	54316 25949	N52 12 52 E 0 5 44		CHA	52	30	10.2	175	15.0	27.4	EQM			
									236	15.8	23.7	EQM			
TL 13 (TL23NE/001)	ASHWELL NO.1	5285 2392	N52 2 9 W 0 7 35		SUP	65	58	10.7	184	24.4	74.5	BHT			
TL 14 (TL78SW/001)	LAKENHEATH 1	5748 2830	N52 25 0 E 0 34 14		SUP	65	7	10.5	220	15.6	23.2	BHT			
TL 15 (TL43NE/001)	LITTLE CHISHILL	5452 2363	N52 0 20 E 0 6 56		SUP	65	131	10.2	255	24.4	55.7	BHT			
TL 37 (TL74NE/015)	CLARE	57898 24533	N52 4 37 E 0 36 43		BGS	79	42	10.7	264	17.3	25.0	LOG	27H	17.3	25.0

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
TM 6 (TM09NW/001)	ELLINGHAM NO.1	60262 29847	N52 32 46 E 0 59 17		SUP	65	58	10.7	316	18.3	24.1	BHT			
TQ 2 (TQ35NW/001)	WARLINGHAM	53476 15719	N51 17 50 W 0 4 0		BGS	57	106	10.9	1408	57.8	33.3	LOG	3H	-	-
TQ 3 (TQ15NE/004)	FETCHAM MILL	51581 15650	N51 17 43 W 0 20 19	HF	IC5		31	11.3	121 268	12.8 16.8	12.4 20.5	EQM EQM			
TQ 13 (TQ45NW/005)	TATSFIELD NO.1	54242 15699	N51 17 37 E 0 2 34		ESO	66	194	10.3	1405	51.7	29.5	BHT			
TQ 14 (TQ34NE/009)	BLETCHINGLEY 1	53623 14773	N51 12 43 W 0 2 57		ESO	65	64	10.6	1102 1849	48.9 63.9	34.8 28.8	BHT BHT			
TQ 15 (TQ34NE/010)	BLETCHINGLEY 2	53553 14794	N51 12 50 W 0 3 33		ESO	66	66	10.6	1123	51.7	36.6	BHT			
TQ 16 (TQ34NW/051)	BLETCHINGLEY 3	53275 14876	N51 13 19 W 0 5 55		ESO	66	88	10.5	1159	50.6	34.6	BHT			
TQ 17 (TQ34NW/052)	BLETCHINGLEY 4	53493 14838	N51 13 5 W 0 4 3		ESO	66	80	10.5	1151 1244	44.4 48.3	29.5 30.4	BHT BHT			
TQ 20 (TQ44SE/001)	COWDEN-1	54668 14278	N51 9 53 E 0 5 53		BAC	71	123	10.3	1840	62.0	28.1	BHT	3H	-	-
TQ 21 (TQ60NW/013)	WESTHAM NO.1	56097 10535	N50 49 28 E 0 17 8		CAM	73	3	11.0	1291	47.8	28.5	BHT	3H	-	-
TQ 22 (TQ24SW/001)	COLLENDEAN FARM	52480 14429	N51 11 1 W 0 12 51		ESO	64	80	10.5	1622	60.5	30.8	BHT			
TQ 23 (TQ22SE/017)	BOLNEY NO.1	52801 12427	N51 0 10 W 0 10 31		ESO	63	65	10.6	1966 2413	60.0 76.1	25.1 27.1	BHT BHT			

INDEX NO. (BCS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
TQ 26 (TQ88SW/001)	CANVEY ISLAND	58215 18330	N51 31 7 E 0 37 32		BGS	53	3	11.5	404 532	17.0 25.0	13.6 25.4	LOG LOG	2H	-	-
TQ 38 (TQ77NW/024)	CLIFFE NO.1	57240 17632	N51 27 32 E 0 28 54	GEOCH	B.P	59	3	11.5	251	22.8	45.0	DST			
TQ 39 (TQ77SW/001)	CLIFFE NO.5	57066 17489	N51 26 48 E 0 27 22		B.P	59	2	11.0	297	27.2	54.5	DST			
TQ 40	RICHMOND VESTRY	U521 175	N51 27 38 W 0 15 29		BAR	NC	5	11.0	408 441	24.2 24.9	32.4 31.5	BHT BHT			
TQ 41 (TQ60NW/027)	HANKHAM COLLIERY	562 105	N50 49 17 E 0 18 1	HF	BEN	39	30	11.3	235	16.8	23.4	EST			
TQ 42 (TQ28NE/014)	KENTISH TOWN	5283 1862	N51 33 34 W 0 8 56		BAR	NC	66	11.1	305 335	19.8 20.9	28.5 29.3	BHT BHT			
TQ 61 (TQ54SE/067)	ASHOUR NO 1	55635 14415	N51 10 29 E 0 14 13		CON	81	81	10.5	244 736 736	30.6 45.6 46.1	82.4 47.7 48.4	BHT BHT BHT	5H 10H	54.6 48.6	59.9 51.8
TQ 62 (TQ74SW/004)	DETENTION NO 1	57478 14020	N51 8 1 E 0 29 54		CON	81	54	10.7	1172	45.6	29.8	BHT	6H	52.6	35.8
TR 49 (TR35SE/022)	NORTHWALL ROAD	63681 15356	N51 13 53 E 1 23 32		NCB	76	4	11.5	268	12.5	3.7	BHT			
TR 50 (TR34NW/004)	EASTLING WOOD	63033 14729	N51 10 40 E 1 17 44		NCB	76	101	10.9	1273 1273	42.0 43.0	24.4 25.2	BHT BHT	9H	45.0	26.8
TR 53 (TR24SW/002)	SWANTON COURT	62387 14431	N51 9 13 E 1 12 6		NCB	78	145	10.6	1266 1266	37.2 42.8	21.0 25.4	BHT BHT	5H 13H	46.2 44.3	28.1 26.6
TR 58	PADDLESWORTH	61990 14041	N51 7 13 E 1 8 33		NCB	83	168	10.5	910	35.8	27.8	EQM			

INDEX NO. (BGS REF)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10m)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	ELEV m	SUR-FACE TEMP	DEPTH m	TEMP C	TEMP GRAD C/km	TYPE OF OBS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/km
TR 59	BARNSOLE	62825 15678	N51 15 50 E 1 16 20		NCB	83	15	11.4	187	15.1	19.8	EQM			
TR900	TILMANSTONE COLL.	62910 14910	N51 11 41 E 1 16 46		NCB		76	11.0	986	38.5	27.9	VST			
TR901	SNOWDOWN COLL.	62370 15370	N51 14 17 E 1 12 18		NCB		50	11.2	785	34.0	29.0	VST			
TR902	SNOWDOWN COLL.	62600 15031	N51 12 24 E 1 14 9		NCB		76	11.0	901	35.0	26.6	VST			
TR903	SNOWDOWN COLL.	62380 15116	N51 12 55 E 1 12 18		NCB		76	11.0	856	33.7	26.5	VST			

TABLE II : HEAT FLOW DATA

Explanation of certain column headings and abbreviations

INDEX NO. : As for Table I.

BRITISH NAT. GRID REF.(100m) : Full British National Grid Rererence, to 100 metres wnere known. In Northern Ireland, the Irish Grid Reference is given, preceded by I.

SRCE. OF DATA : Source of data. A list of abbreviations is given in Section 5.1.

ELEV. : Height of ground level above mean sea level (ordnance datum) in metres.

DEPTH RANGE : Depth interval over which measurements were made and for which the heat flow is calculated.

STRAT. : Simplified stratigraphy in depth range. Abbreviations used are:

Q	Quaternary
GN	Tertiary
K	Cretaceous
J	Jurassic
JL	Lower Jurassic
T	Triassic
P	Permian
PT	Permo-Triassic
C	Carboniferous
CU	Upper Carboniferous
CL	Lower Carboniferous
D	Devonian
DZ	Upper Old Red Sandstone
DY	Mid Old Red Sandstone
S	Silurian
O	Ordovician
E	Cambrian
A	Pre-Cambrian
DALR	Dalradian
MOIN	Moinian
gran	granite
basa	basalt
meta	metasediment

NO. COND. : Number of conductivity measurements

NO. TEMP. : Number of temperature measurements

HEAT FLOW : Value in milliwatts per square metre. Numbers in brackets refer to error range (+ or -) indicated by the source authors.

DATA CAT. : Category of data (see Section 3.2).

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
HY 3	WARBETH	323510089	N58 57 39 W 3 19 49	OX5	8	19- 247	DY			46 (15)	A	
ID 1 (D04SE/001)	PORT MORE	I3069 4435	N55 13 43 W 6 19 13	IC4	103	442- 579	J	16	193	80	A	
ID 3	LARNE NO.2	I3407 4022	N54 50 54 W 5 48 33	IC6	3	100-2000		119	200	59	A	
IH 5 (H86NE/001)	KILLARY GLEBE	I2869 3679	N54 33 21 W 6 41 10	IC6	51	0-1158		54	1	60	B	Based on a single drill stem test temperature measurement.
IJ 9 (J09NE/001)	BALLYMACILROY	I3057 3976	N54 47 15 W 6 19 50	IC6	73	100- 494	basa	30	160	59	A	
IJ 10	ANNALONG VALLEY	I3343 3244	N54 9 20 W 5 45 2	IC6		0- 66	gran	20	20	87	D	Includes partial climate correction of 17.6mW/sq.m. and topographic correction of -7.4mW/sq.m.
IJ 11	SEEFIN QUARRY	I3361 3230	N54 8 30 W 5 55 3	IC6		0- 149	gran	48	47	84	C	Includes partial climate correction of 14.1mW/sq.m. and topographic correction of 1.6mW/sq.m.
NC 3	ALTNABREAC A (STRATH HALLIDALE	2999 9453	N58 23 5 W 3 42 43	OX11	155		gran			43	A	
ND 8	ALTNABREAC B (STRATH HALLIDALE	3023 9417	N58 21 12 W 3 40 11	OX11	153		MOIN			53	A	
ND 13	ACHANARRAS	3152 9545	N58 28 15 W 3 27 14	OX5		7- 92	DY			42 (12)	D	Well measured temperature and conductivity in shallow hole.

INDEX NO. (BGS	NAME OF BOREHOLE /LOCALITY REF. NO.)	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
ND 14	HOUSTRIE OF DUNN	3203 9546	N58 28 22 W 3 22 0	OX5		17- 87	DY			45 (9)	D	As for ND 13
ND 15	YARROWS	3310 9445	N58 23 2 W 3 10 48	OX5		10- 99	DY			52 (11)	D	Average for 2 holes. Conductivities from nearby hole used to calculate heat flow.
NH 3	CAIRNGORM	2989 8063	N57 8 12 W 3 40 14	IC8		100- 290	gran	44	93	70	A	Topographic correction of -2.7mW/sq.m. included.
NH901	LOCH NESS 1	2396 8104	N57 9 24 W 4 39 8	PU						73	L	Water depth 150m
NH902	LOCH NESS 2	2428 8145	N57 11 40 W 4 36 7	PU						64	L	Water depth 190m
NH903	LOCH NESS 3	2463 8184	N57 13 50 W 4 32 47	PU						62	L	Water depth 217m
NH904	LOCH NESS 4	2482 8208	N57 15 10 W 4 30 59	PU						57	L	Water depth 200m
NH905	LOCH NESS 5	2500 8223	N57 16 1 W 4 29 15	PU						82	L	Water depth 169m
NH906	LOCH NESS 6	2501 8229	N57 16 20 W 4 29 11	PU						67	L	Water depth 207m
NH907	LOCH NESS 7	2518 8248	N57 17 24 W 4 27 33	PU						55	L	Water depth 217m

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
NH908	LOCH NESS 8	2536 8276	N57 18 56 W 4 25 52	PU						43	L	Water depth 224m
NH909	LOCH NESS 9	2560 8309	N57 20 46 W 4 23 36	PU						43	L	Water depth 221m
NJ 1	TILLEYDESK (ELLON)	3957 8364	N57 25 5 W 2 4 18	OX11			DALR			29	?	Inclined hole. Insufficient information available to assign a category.
NJ 2 (NJ62SE/004)	BENNACHIE	3669 8211	N57 16 46 W 2 32 57	IC8		100- 290	gran	45	93	76	A	Topographic correction of -5.6mW/sq.m. included.
NN 2	BALLACHULISH	2034 7564	N56 39 29 W 5 12 29	OX11	435					53	B	Inclined hole.
NO 9	BALFOUR	3323 7003	N56 11 26 W 3 5 27	BEN	40	543-1205	C		5	36	C	BEN: Maximum thermometers; Conductivities measured on cores
				AND		0-1205				37	C	from elsewhere. AND: As Benfield, but with modified conductivities, and only deepest temperature measurement used in calculations.
NO 15	MONTROSE	3715 7603	N56 44 0 W 2 28 0	OX5	11	301- 751	D			46 (13)	A	
NO 16	MOUNT BATTOCK	3543 7905	N57 0 13 W 2 45 9	IC8		100- 260	gran	42	86	59	A	Topographic correction of -6.9mW/sq.m. included.
NO 18 (NO49NW/003)	BALLATER	3400 7985	N57 4 26 W 2 59 23	IC8		100- 290	gran	47	95	71	A	Topographic correction of -4.2mW/sq.m. included.

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
NR 1	MEALL MHOR	1834 6747	N55 55 0 W 5 28 0	OX5	435	21- 130	DALR			57 (10)	C	Borehole inclined at 45 degrees. Includes 11 mW/m correction for topography.
NS 3	CLACHIE BRIDGE	2645 6837	N56 1 36 W 4 10 30	OX5	271	30- 300	CL DZ			55 (8)	A	
NS 10	SOUTH BALGRAY	250 675	N55 56 41 W 4 24 8	BEN		0- 137	C		11	64	C	BEN: Maximum thermometers; Conductivities measured on cores
				AND		0- 137				72	C	from elsewhere. AND: As Benfield, but with modified conductivities.
NS 12	BLYTHSWOOD	2500 6682	N55 53 1 W 4 23 52	BEN	2	18- 106	C		6	52	C	BEN: Maximum thermometers; Conductivities measured on cores
				AND		18- 106				59	C	from elsewhere. AND: As Benfield, but with modified conductivities.
NS 98	KIPPEROCH	2373 6774	N55 57 43 W 4 36 24	OX5	85	40- 300	DZ			54 (14)	A	
NS101	BARNHILL	2427 6757	N55 56 55 W 4 31 10	OX5	101	320- 355	DZ			60 (10)	B	Waterflow observed in pipe; However this heat flow value calculated for section believed to be below waterflow. Temperature and conductivities well measured.
NS108	HURLET	2511 6612	N55 49 16 W 4 22 37	OX5	30	95- 295	CU			60 (6)	A	
NS155	MARYHILL (GLASGOW) (NS56NE/1755)	2572 6686	N55 53 22 W 4 17 1	IC6	55	100- 303		82	99	63	A	
NT 7	MARSHALL MEADOWS (NT95NE/005)	3980 6569	N55 48 18 W 2 1 56	IC5	65	152- 183	CU	15		51	B	

INDEX NO. (BGS	NAME OF BOREHOLE /LOCALITY REF. NO.)	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
NT 15	BORELAND	3304 6942	N56 8 8 W 3 7 12	AND	61	0-1006	C	6	3	40	C	Maximum thermometers used. Calculations based on the deepest temperature measurement only, and 6 measured conductivities with some estimated values.
NT 56	LIVINGSTON	3018 6691	N55 54 18 W 3 34 15	OX1	170	59- 641	CL	81		62 (12)	A	Conductivities measured from drill cuttings. OX5 gives heat flow of 66+-6 mW/m
				OX5								
NX 2	CASTLE DOUGLAS	2717 5550	N54 52 24 W 3 59 59	OX5	137	102- 318	S			61 (.7)	A	Borehole inclined at 55 degrees.
NY 5	ROOKHOPE	3938 5428	N54 46 48 W 2 5 50	BOT	323	427- 792	C gran	21	19	92	A	BOT: Calculation based on the 8 temperature measurements below 400m
(NY94SW/001)				OX4		390- 789		49		95	A	i.e. in granite. OX4: Based on new temperature and conductivity measurements of the granite.
NY 37	SILLOTH NO2	3124 5544	N54 52 36 W 3 21 55	IC6	5	100- 340	Q T	77	110	55	A	
NY 38	SHAP	3559 5087	N54 28 18 W 2 40 50	IC9		100- 300	gran	46	100	78	A	Topographic correction of 5mW/sq.m. included.
NY 39	SKIDDAW	3314 5314	N54 40 22 W 3 3 50	IC9		100- 281	gran	45	88	101	A	Topographic correction of -18mW/sq.m. included.
NY 40	BECKLEES	3352 5716	N55 2 5 W 3 0 50	IC6		100- 584		90	190	43	A	
NY901	LAKE WINDERMERE 2	3382 5006	N54 23 49 W 2 57 7	PU						69	L	Water depth 65m.

INDEX NO. (BGS	NAME OF BOREHOLE /LOCALITY REF. NO.)	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
NY902	LAKE WINDERMERE 3	3382 5010	N54 24 2 W 2 57 7	PU						74	L	Water depth 58m.
NZ 3	WOODLAND	4091 5277	N54 38 39 W 1 51 32	BOT	284	198- 488	C	27	4	96	B	Estimated conductivities for certain lithologies (mudstone & shale)
	(NZ02NE/004)											
NZ 30	KIRKLEATHAM	4588 5213	N54 34 59 W 1 5 25	BN	21	71- 935	JL T P CU			48	C	Maximum thermometers; Conductivities used represent averages for each lithology, from measurements in several boreholes.
NZ 31	TOCKETTS	4631 5180	N54 33 11 W 1 1 27	BN	57	143- 906	JL T P			49	C	Maximum thermometers; Conductivities used represent averages for each lithology from measurements in several boreholes.
NZ 33	BOULBY	4761 5184	N54 33 17 W 0 49 23	OX2 OX4	83	799-1087	P	27	2	47 (7)	B	Calculation based on corrected non equilibrium temperature measurements in 20m holes at 799m and 1087m in a mine shaft.
NZ 36	SOUTH HETTON	4381 5452	N54 48 2 W 1 24 25	AND	128	0- 529	P CU		7	61	C	Maximum thermometers; Conductivity based on measurements on cores from elsewhere. Anderson used only the deepest temperature measurement in his calculation. Bott used all 7 measurements.
	(NZ34NE/038)			BOT		355- 529				58	C	
SD 3	RAYDALE	3903 4847	N54 15 29 W 2 8 58	OX2 OX4	268	520- 593	gran	50		65	A	Includes topographic correction of 6mW/m . Heat flow calculated for granite only.
	(SD98SW/001)											
SD 9	KIRKHAM	3432 4325	N53 47 8 W 2 51 44	OX2	12	20- 405	T			71	B	Estimated conductivities.
	(SD43SW/006)											

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
SD 15 (SD88SE/001)	BECKERMONDS SCAR	3864 4802	N54 13 0 W 2 12 33	0X4 0X5	337	53- 440	C	63		69 (10)	B	Borehole inclined at 75 degrees (surface), 62 degrees at 525m downhole depth, so calculated 'true' depths liable to some error. Conductivity of mudstones not measured, and not included in calculation (see 0X2).
SD 61 (SD85SE/015)	SWINDEN NO1. (GISBURN)	3860 4505	N53 57 1 W 2 12 48	0X5	141	95- 685	C			66 (11)	A	
SD 62	WEETON CAMP	3389 4359	N53 48 56 W 2 55 41	IC6		160- 297	Q T	84	96	52	A	Anomalous heat flow in mudstone section (100-160) not included in calculation.
SD 63	THORNTON CLEVELEYS	3331 4441	N53 53 19 W 3 1 5	IC6		0- 290	Q T	81	94	52	A	
SD 66	CLITHEROE MHD2	3686 4463	N53 54 42 W 2 28 41	IC6		100- 341		35	110	84	A	Includes topographic correction of 2.3mW/sq.m.
SD901	ROSEBRIDGE COLL. WIGAN	3578 4059	N53 32 52 W 2 38 13	AND	60	0- 745	CU		1	43	C	Calculations based on a single temperature measurement and estimated conductivities.
SD907	LAKE WINDERMERE 1	3394 4979	N54 22 22 W 2 55 59	PU						69	L	Water depth 42m.
SE 48 (SE63NE/005)	NORTH DUFFIELD	4691 4352	N53 48 31 W 0 57 0	0X2	6	875- 960	CU	41	2	60 (15)	B	Calculation based on corrected non-equilibrium temperature measurements at 875m and 960m during breaks in drilling.
SE 67	SKIPWITH	4664 4371	N53 49 33 W 0 59 28	0X2	10	10- 210	T			54	B	Estimated conductivities

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
SE 68	SKIPWITH BRIDGE	4654 4407	N53 51 29 W 1 0 20	0X2	6	10- 165	T			59	B	Estimated conductivities.
SE 69	APPROACH FARM	4628 4388	N53 50 29 W 1 2 44	0X2	9	10- 160	T			54	B	Estimated conductivities.
SE 77 (SE35NW/027)	FARNHAM (KNARESBOROUGH)	4347 4600	N54 2 3 W 1 28 13	0X5	42	177- 322			2	40	B	Calculation based on two corrected non-equilibrium temperature measurements.
SE 79	BOOTH FERRY	4739 4258	N53 43 23 W 0 52 48	0X11						57	B	Estimated conductivities.
SE 80	TOWTHORPE	4618 4591	N54 1 26 W 1 3 24	0X5	13	22- 947	T P CU			56	B	Estimated conductivities.
SE 89	MARSDEN	4050 4119	N53 36 12 W 1 55 28	IC6		170- 297		80	99	50	A	Includes topographic correction of -2.8mW/sq.m.
SH 1 (SH52NE/001)	MOCHRAS	2553 3259	N52 48 40 W 4 8 48	0X2	3	78- 440	GN JL	38		57 (13)	A	
SH 3 (SH63SE/001)	BRYN TEG	2699 3321	N52 52 14 W 3 55 58	0X2 0X8	188	280- 340	E A	44		41 (8)	A	Possible water flow down to 205m: heat flow calculated for zone below this.
SH 4	COED-Y-BRENIN	2747 3258	N52 48 53 W 3 51 33	0X2 0X3	171	200- 450	O	23		42 (7)	A	

INDEX NO. (BGS	NAME OF BOREHOLE /LOCALITY REF. NO.)	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
SH 6	PARYS MOUNTAIN	2441 3906	N53 23 20 W 4 20 40	0X5	140	104- 498	basa	45		59 (11)	A	Borehole vertical at surface, deviating to 51 degrees inclination at bottom. Includes topographic correction of 3.6mW/m
SJ 37	BRADLEY MILL	3531 3767	N53 17 6 W 2 42 13	0X2 0X3	60	70- 190	PT			59	C	Estimated conductivities. Irregular temperature gradient.
SJ 38	CLOTTON	3528 3636	N53 10 2 W 2 42 22	0X2 0X3	40	305	PT			33	C	Estimated conductivities. Very low temperature gradient to 150m.
SJ 39	ORGANSDALE	3551 3683	N53 12 34 W 2 40 21	0X2 0X3	105	70- 470	PT			25	C	Estimated conductivities. Irregular temperature gradient.
SJ 40	PRIORS HEYES	3512 3664	N53 11 32 W 2 43 50	0X2 0X3	30	10- 340	PT			34	C	Estimated conductivities. Irregular temperature gradient.
SJ 41	HOLFORD	3667 3820	N53 20 1 W 2 30 0	BEN	30	61- 168 168- 396		6	11	31 38	C	Borehole in marls and rocksalt. Variability of marl conductivity indicates more samples desirable. Only 1 sample rock salt tested. Maximum thermometers used.
SJ132	CREWE	3683 3545	N53 5 11 W 2 28 24	IC6		100- 296		78	96	57	A	
SK 97 (SK55SW/031)	PAPPLEWICK	4547 3521	N53 3 47 W 1 11 2	MH	92	240- 695	CU		4	71	C	Conductivities based on 26 measurements in 6 boreholes through similar formations. Maximum thermometers used.
SK 99 (SK68SE/035)	RANBY CAMP	4664 3808	N53 19 9 W 1 0 12	MH	45	246- 985	P CU		10	83	C	As for SK 97.

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
SK101 (SK68SW/009)	RANBY HALL	4649 3824	N53 20 2 W 1 1 32	MH	30	154- 975	P CU		8	77	C	As for SK 97.
SK102 (SK69SE/010)	SCAFTWORTH	4676 3917	N53 25 2 W 0 58 57	MH	19	225-1146	P CU		9	75	C	As for SK 97.
SK107 (SK27NW/015)	EYAM	4210 3760	N53 16 50 W 1 41 8	0X2 0X3	230	82- 612	CL			17	D	Low temperature gradient, negative below 470m indicating water flow. Hole unsealed.
SK115	WOODLANDS FARM	4769 3323	N52 52 56 W 0 51 26	0X5	56	0- 351	JL T			51	B	Estimated conductivities.
SK116	LEICESTER FOREST EAST	4525 3028	N52 37 12 W 1 13 28	0X5	104	35- 170	T E	14		53 (8)	B	Incomplete coverage of conductivity measurements.
SK186	EADY'S FARM	4796 3371	N52 55 30 W 0 48 57	0X5	32	0- 260	JL T			54	B	Estimated conductivities.
SK195 (SK54NE/022)	GOOSEDALE	4564 3494	N53 2 19 W 1 9 32	MH	91	191- 534	P CU		4	64	C	As for SK 97.
SK216 (SK69NE/008)	MISSON	4695 3958	N53 27 15 W 0 57 12	MH	6	787-1192	CU		6	85	C	As for SK 97.
SK240 (SK66SE/005)	EAKRING 5	4677 3611	N53 8 34 W 0 59 14	BN	83	305- 599	P C		3	114	C	Maximum thermometers used; Conductivities represent averages for each lithology from measurements on 54 samples from several boreholes.

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
SK241 (SK66SE/006)	EAKRING 6	4670 3614	N53 8 43 W 0 59 51	BN	86	305- 662	P CU		8	115	C	As for SK240.
SK242 (SK65NE/028)	EAKRING 64	4683 3592	N53 7 32 W 0 58 45	BN	91	428- 611	CU		5	82	C	As for SK240.
SK243 (SK66SE/075)	EAKRING 141	4671 3629	N53 9 30 W 0 59 47	BN	80	305- 606	P CU		3	120	C	As for SK240.
SK244 (SK76SW/008)	CAUNTON 11	4735 3603	N53 8 4 W 0 54 3	BN	30	244- 650	T P CU		8	70	C	As for SK240.
SK245 (SK75NE/001)	KELHAM HILLS	4759 3576	N53 6 36 W 0 51 55	BN	52	305- 667	T P CU		4	62	C	As for SK240.
SK246	LONG BENNINGTON	4838 3416	N52 57 54 W 0 45 8	0X2 0X3	18	35- 230	PT			88	B	Estimated conductivities.
SK293 (SK89SE/108)	CORRINGHAM	4899 3936	N53 25 53 W 0 38 48	0X2 0X3	18	40- 385	JL T			63	B	Estimated conductivities.
SK315 (SK72SW/048)	WELBY CHURCH	4723 3208	N52 46 47 W 0 55 42	0X5	108	40- 410	J T P	16		47 (7)	A	
SK409	TWYCROSS	4339 3056	N52 38 49 W 1 29 57	0X5	122	45- 293	T	42		41 (9)	A	
SK421 (SK78SE/030)	GROVE NO.3	4763 3813	N53 19 22 W 0 51 16	IC6	59	0-2933		51	3	54	B	Based on non-equilibrium bottom hole temperatures corrected for circulation effects

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
SM 7	TREFFGARNE NO2	1931 2238	N51 52 26 W 5 0 22	IC6		100- 180		26	59	39	B	
SM 8	TREFFGARNE NO3	1943 2246	N51 52 53 W 4 59 21	IC6		100- 193		37	64	43	B	
SN 21	GLANFRED	2630 2881	N52 28 24 W 4 0 59	0X2	14	281- 396	S	39		59 (14)	A	Includes topographic correction of 4.1mW/m .
(SN68NW/001)				0X3								
SN 29	BETWS (CEUNANT)	2654 2069	N51 44 39 W 3 56 59	IC6		100- 550		167	180	34	A	
SO 14	MALVERN GASWORKS (MALVERN LINK)	3788 2492	N52 8 25 W 2 18 35	0X2	50	35- 245	T			34	B	Estimated conductivities.
				0X3								
SO 51	WORCESTER	3862 2576	N52 12 58 W 2 12 7	IC6		100- 298		68	99	41	A	
SP 1	STEEPLE ASTON	4469 2259	N51 55 43 W 1 19 5	0X2	131	229- 440	CU	21	22	46	B	Possible water flow in coarse sandstone sections which are omitted from the calculation
(SP42NE/012)				0X6								
SP 30	WITHYCOMBE FARM	4432 2402	N52 3 28 W 1 22 12	0X2	144	850-1060	S O	56		60 (11)	A	
(SP44SW/009)				0X7								
SP 61	THORPE-BY-WATER	4886 2965	N52 33 30 W 0 41 36	0X2	65	280- 360	O	47		56 (10)	A	
(SP89NE/001)				0X3								
SP 62	CROFT QUARRY	4513 2964	N52 33 46 W 1 14 35	0X2	21	222- 324		30		37 (2)	A	
(SP59NW/020)				0X3								

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
SP417	HOME FARM (STRETTON ON DUNS	4432 2731	N52 21 14 W 1 21 56	0X5	100	28- 251	T E	13		36	A	
SS 14	SOUTH MOLTON (BMK4)	2723 1323	N51 4 31 W 3 49 23	IC2	260	9- 73	DU	14		55	D	Good measurements of temperature and conductivity in shallow hole.
SS 15 (SS73NE/002)	HONEYMEAD 2 (IGS2)	2779 1393	N51 8 22 W 3 44 44	IC2	391	10- 286	D	13	46	54	A	
ST 7 (ST23NW/008)	CURRYPOOL FARM	3227 1387	N51 8 30 W 3 6 18	IC3	49	9- 182	D	24	58	61*	B	* Includes partial climate correction of 7mW/sq.m.
ST 12 (ST24SW/001)	CANNINGTON PARK (KNAP FARM)	3248 1401	N51 9 17 W 3 4 31	IC3	43	100- 760	CL D	159		45*	A	* Includes partial climate correction of 5 mW/sq.m.
ST 38 (ST95NE/002)	WEST LAVINGTON	3990 1563	N51 18 19 W 2 0 52	0X2 0X3	83	80- 152	JU			42	B	Estimated conductivities.
ST 48	ST.FAGANS	3117 1781	N51 29 40 W 3 16 20	0X5	38	102- 150	T	5		50	B	Temperature readings above 120m unreliable.
ST 50	CHARD	3343 1065	N50 51 13 W 2 56 0	IC6	85	100- 289		83	95	51	A	
SU 23 (SU31SW/027)	BUNKERS HILL (CADNAM)	4304 1150	N50 55 58 W 1 34 2	0X5	39	20- 186	GN K			60	B	Some conductivities based on measurements from other holes.
SU 25	FAIR CROSS	4697 1632	N51 21 48 W 0 59 55	0X2 0X3	55	75- 310	K			59	B	Estimated conductivities.

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
SU 26 (SU44SW/014)	BARTON STACEY	4437 1428	N51 10 56 W 1 22 29	0X2 0X3	65	84- 270	K			42	B	Estimated conductivities.
SU 27	CLUMPHILL	4066 1064	N50 51 23 W 1 54 22	0X2 0X3	50	110- 400	K			67	B	Estimated conductivities.
SU 61 (SU04SW/001)	SHREWTON	4031 1420	N51 10 35 W 1 57 18	0X5	136	20-1060				51	A	
SU 65 (SU35NW/010)	VERNHAM DEAN	4343 1565	N51 18 22 W 1 30 28	0X2 0X3	137	60- 115	K			25	C	Estimated conductivities.
SU 72 (SU31SE/227)	MARCHWOOD	4399 1112	N50 53 53 W 1 25 56	0X9	2	0-1667	GN K J T	243		61 (10)	C	Conductivities measured from chippings. Based on a single temperature measurement.
SU 82 (SU74SW/001)	HUMBLY GROVE NO.1	4712 1448	N51 11 51 W 0 58 51	IC6	139	0-1609		22	7	51	B	Based on non-equilibrium bottom hole temperatures corrected for circulation effects.
SU 85 (SU48NE/092)	HARWELL NO3	4468 1864	N51 34 27 W 1 19 29	IC6 IC7	128	60- 360	K J	22	98	44 (5)	A	
SU 86 (SU30SW/001)	RAMNOR INCLOSURE (PARKSHILL)	4311 1048	N50 50 29 W 1 33 30	0X5	42	45- 340	GN			61 (6)	A	
SU 95	CHALGROVE	4654 1963	N51 39 40 W 1 3 16	IC6		100- 324		68	107	48	A	

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
SU 96	SOUTHAMPTON NO1 (W.ESPLANADE)	4416 1120	N50 54 20 W 1 24 30	IC6	3	100-1818	K J T	88	182	71	A	
SU102 (SU93NE/021)	GODLEY BRIDGE NO.1	4952 1366	N51 7 14 W 0 38 21	IC6	66	0-2584		31	3	54	B	Based on non-equilibrium bottom hole temperatures corrected for circulation effects.
SW 6	WHEAL JANE E	1761 0425	N50 14 22 W 5 8 25	IC2	47	20- 143	DL	19		136	C	Temperatures generally measured at 6m intervals.
SW 8	WHEAL JANE P	1784 0438	N50 15 7 W 5 6 32	IC2	14	20- 268	DL	15		126	A	As SW 6
SW 9	WHEAL JANE O	1782 0436	N50 15 0 W 5 6 42	IC2	72	20- 300	DL	15		113	A	As SW 6
SW 10 (SW73SW/001)	LONGDOWNS	1737 0346	N50 10 2 W 5 10 14	IC3	148	30- 182	gran	50	51	112*	A	* Includes partial climate correction of 7 mW/sq.m.
SW 11	MEDLYN FARM	1708 0340	N50 9 40 W 5 12 34	IC3		100	gran	32	8	114*	A	* Includes partial climate correction of 15 mW/sq.m.
SW 13	GRILLIS FARM	1680 0385	N50 12 1 W 5 15 5	IC3		100	gran	33	20	113*	A	* Includes partial climate correction of 21 mW/sq.m.
SW 14	TRERGHAN FARM	1735 0303	N50 7 44 W 5 10 10	IC3		100	gran	32	18	113*	A	* Includes partial climate correction of 18 mW/sq.m.
SW 14	TREVEASE FARM	1719 0318	N50 8 30 W 5 11 34	IC3		100	gran	33	20	112*	A	* Includes partial climate correction of 20 mW/sq.m.

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SW 16 (SW61NE/001)	PREDANNACK	1690 0163	N50 0 6 W 5 13 25	IC3	88	304	meta	61	100	61*	A	* Includes partial climate correction of 1 mW/sq.m.
SW 30	TROON	1657 0368	N50 11 2 W 5 16 56	IC3	170	122	gran	40	36	123*	A	* Includes partial climate correction of 14 mW/sq.m.
SW 31 (SW73SW/005)	ROSEMANOWAS A	1735 0346	N50 10 1 W 5 10 18	IC3	180	303	gran	52	99	106*	A	* Includes partial climate correction of 3 mW/sq.m.
SW 32 (SW73SW/007)	ROSEMANOWAS D	1735 0346	N50 10 2 W 5 10 18	IC3	180	292	gran	52	97	106*	A	* Includes partial climate correction of 3 mW/sq.m.
SW 34	POLGEAR BEACON	1693 0366	N50 11 2 W 5 13 56	IC3	220	100	gran	23	22	122*	A	* Includes partial climate correction of 21 mW/sq.m.
SW 38	NEWMILL	1461 0343	N50 9 14 W 5 33 18	IC3	155	100	gran	32	23	124*	A	* Includes partial climate correction of 21 mW/sq.m.
SW 39	BUNKER'S HILL	1402 0273	N50 5 18 W 5 37 57	IC3	128	100	gran	31	23	124*	A	* Includes partial climate correction of 19 mW/sq.m.
SW 40 (SW85SW/004)	NEWLYN EAST	1815 0539	N50 20 37 W 5 4 18	IC3		103	DL	34	34	105*	C	* Includes partial climate correction of 14 mW/sq.m.
SW 41 (SW96SE/012)	BELOWDA BEACON	1979 0625	N50 25 38 W 4 50 45	IC3		141	DL	31	20	85*	C	* Includes partial climate correction of 7 mW/sq.m.
SW 43 (SW71NW/001)	KENNACK SANDS LIZARD	1732 0165	N50 0 16 W 5 9 53	IC3	15	152	meta	22	50	73*	B	* Includes partial climate correction of 5 mW/sq.m.

INDEX NO. (BGS REF. NO.)	NAME OF BOREHOLE /LOCALITY	BRITISH NAT GRID REF(100m)	LATITUDE LONGITUDE o ' "	SRCE OF DATA	ELEV m	DEPTH RANGE m	STRAT	NO. COND	NO. TEMP	HEAT FLOW mW/sq.m	DATA CAT.	COMMENT
SW 44	MERROSE FARM	1656 0435	N50 14 39 W 5 17 17	IC3	75	100	DL	23	23	79*	B	* Includes partial climate correction of 7 mW/sq.m.
SW 45	KESTLE WARTHA	1753 0258	N50 5 20 W 5 8 28	IC3	63	150	DL	41	47	96*	A	* Includes partial climate correction of 14 mW/sq.m.
SW 46	GAVERIGAN	1932 0592	N50 23 42 W 4 54 38	IC3	134	325	DL	30	105	98*	A	* Includes partial climate correction of 1 mW/sq.m.
SW926	GEEVOR MINE	1377 0348	N50 9 15 W 5 40 20	IC1	98	124- 402	gran	31	7	129	A	
SW928	SOUTH CROFTY	1666 0413	N50 13 30 W 5 16 20	IC1	111	440- 650	gran	57	7	129	A	
SX 2 (SX18NE/001)	WILSEY DOWN	2179 0891	N50 40 20 W 4 34 40	IC1	232	30- 726	C D	42	200	67	A	
SX 9	HEMERDON	2573 0585	N50 24 30 W 4 0 29	IC3		128	gran	12	42	108*	A	* Includes partial climate correction of 15 mW/sq.m.
SX 10	BRAY DOWN	2191 0818	N50 36 25 W 4 33 26	IC3		100	gran	31	18	113*	A	* Includes partial climate correction of 24 mW/sq.m.
SX 11	BLACKHILL	2184 0782	N50 34 28 W 4 33 56	IC3		100	gran	34	20	119*	A	* Includes partial climate correction of 22 mW/sq.m.
SX 12	PINNOCKSHILL	2189 0745	N50 32 29 W 4 33 21	IC3		100	gran	33	13	121*	A	* Includes partial climate correction of 18 mW/sq.m.

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SX 13	BROWNGELLY	2192 0725	N50 31 24 W 4 33 1	IC3		100	gran	32	21	108*	A	* Includes partial climate correction of 21 mW/sq.m.
SX 14	GT.HAMMET FARM	2189 0699	N50 29 59 W 4 33 16	IC3		100	gran	34	20	119*	A	* Includes partial climate correction of 21 mW/sq.m.
SX 15	TREGARDEN FARM	2055 0595	N50 24 7 W 4 44 12	IC3		100	gran	32	20	126*	A	* Includes partial climate correction of 20 mW/sq.m.
SX 16	COLCERROW FARM	2068 0576	N50 23 10 W 4 43 5	IC3		100	gran	32	20	127*	A	* Includes partial climate correction of 24 mW/sq.m.
SX 17	WINTER TOR	2612 0916	N50 42 23 W 3 57 58	IC3		100	gran	34	29	107*	A	* Includes partial climate correction of 28 mW/sq.m.
SX 18	BLACKINGSTONE	2785 0859	N50 39 35 W 3 43 9	IC3		100	gran	34	31	105*	A	* Includes partial climate correction of 20 mW/sq.m.
SX 19	SOUSSONS WOOD	2673 0797	N50 36 5 W 3 52 29	IC3		100	gran	34	27	132*	A	* Includes partial climate correction of 9 mW/sq.m.
SX 20	LAUGHTER TOR	2656 0755	N50 33 47 W 3 53 51	IC3		100	gran	34	31	114*	A	* Includes partial climate correction of 24 mW/sq.m.
SX 21	FOGGIN TOR	2566 0733	N50 32 29 W 4 1 24	IC3		100	gran	34	31	111*	A	* Includes partial climate correction of 22 mW/sq.m.
SX 22	LANIVET	2022 0641	N50 26 34 W 4 47 12	IC3		86	DM	0	29	93*	D	* Includes partial climate correction of 14 mW/sq.m.

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SX 23	MELDON	2568 0922	N50 42 40 W 4 1 44	IC3		61	C	25	17	114*	D	* Includes partial climate correction of 10 mW/sq.m.
SX 24	BOVEY TRACEY	2827 0793	N50 36 3 W 3 39 27	IC3		95		33	35	95*	D	* Includes partial climate correction of 16 mW/sq.m.
SX 25	CALLYWITH FARM	2089 0678	N50 28 42 W 4 41 39	IC3		150		47	43	101*	B	* Includes partial climate correction of 10 mW/sq.m.
SY 23 (SY89NW/001)	WINTERBORNE KINGSTON	3847 0979	N50 46 47 W 2 13 1	0X5 0X10	61	324-1803	K J T	600		70	A	Mean conductivities for stratigraphic units calculated from 600 needle probe measurements
SY 30 (SY68SW/003)	SEABARN FARM	3626 0805	N50 37 22 W 2 31 42	0X5	64	18- 415	J	53	80	56 (2)	A	
SY 57	WITHYCOMBE RALEIGH	3033 0841	N50 38 53 W 3 22 5	IC6		100- 263		46	87	50	A	
SY 58	VENN OTTERY	3066 0911	N50 42 41 W 3 19 23	IC6		100- 308		58	101	56	A	
TF 23	BURTON LODGE	5114 3438	N52 58 47 W 0 20 26	0X5	16	8- 735	J T			58	B	Estimated conductivities.
TF 30 (TF28SW/010)	DONNINGTON-ON-BAIN B (STENIGOT)	5240 3819	N53 19 9 W 0 8 18	0X2 0X3	73	30- 195	J	10		75 (29)	B	

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TF 38	NETTLETON BOTTOM (NETTLETON QUARRY	5125 3982	N53 28 6 W 0 18 18	0X5		520	J	400		67*	B	Hole specially drilled to measure heat flow *This value subsequently revised to approx 55mW/m on recalculation of effect of anisotrophy in conductivity by S.R.Penney (private communication).
TF 58	WELTON NO.1	5036 3768	N53 16 40 W 0 26 45	IC6	17	0-2562		66	3	65	B	Based on 3 non-equilibrium bottom hole temperatures corrected for circulation effects.
TF 62	TYDD ST.MARY	5431 3175	N52 44 9 E 0 7 11	IC6		100- 295		79	96	57	A	
TG 3	TRUNCH	6293 3345	N52 51 31 E 1 24 23	0X2 0X3	41	530- 650	J	47		63 (14)	A	Anomalous heat flow in Upper Chalk(46-443m)of 44mW/sq.m. not included in this calculation.
(TG23SE/008)												
TL 4	HUNTINGDON	5237 2714	N52 19 35 W 0 11 5	IC5	14	152- 244	J	18		38	A	
(TL27SW/025)												
TL 7	STOWLANGTOFT	5947 2688	N52 16 57 E 0 51 17	IC6		100- 277		86	91	35	A	
TL 12	CAMBRIDGE	5432 2595	N52 12 52 E 0 5 44	CHA	30	130- 236	CL	16		54 (5)	A	Temperature measured at 25ft (7.6m) intervals.
(TL45NW/049)												
TQ 3	FETCHAM MILL	5158 1565	N51 17 43 W 0 20 19	IC5	31	152- 268	K	14		53	A	
(TQ15NE/004)												

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TQ 41 (TQ60NW/027)	HANKHAM COLLIERY	562 105	N50 49 17 E 0 18 1	BEN	30	0- 235	K J		2	30	C	Maximum thermometers used. Based on two temperature measurements at similar depths with a 0.6 degrees C correction for the cooling effect of drilling fluid. Incomplete lithological log available. Assumed conductivities.

TABLE III : GEOCHEMICAL DATA

Explanation of certain column headings and abbreviations

SEQ. NO. : BGS hydrochemical data file number.

LOCALITY : Name of borehole/locality, abbreviated site description

NGR : British National Grid Reference, to 10 metres where known. In Northern Ireland, the Irish Grid Reference is given preceded by I.

DEPTH WELL : In the case of a borehole this represents the total drilled depth in metres, except where it is known that a shallower depth occurs due to silting or caving. In the case of drill-stem tests the value may represent the depth at the time of testing and not the final depth.

DEPTH SMPL. : Depth in metres, of sample below ground level. In the case of depth samples or interstitial waters this refers to the specific interval sampled. In the case of drill-stem tests, the top of the tested interval is signified. In the case of pumped samples the indicated depth generally refers to the base of any solid borehole casing.

FORM. : Formation from which the water sample was derived, where known. Letters refer to the BGS lithostratigraphical code. A list of codes used, in chronological order, is to be found at the end of this note.

DATE : Day, month and year in which chemical analysis was carried out. 18 06 70 refers to 18 June 1970.

TYPE : Code refers to sample source as follows:

- 02 - spring
- 07 - borehole, well (undifferentiated)
- 09 - depth sample
- 10 - pumped sample
- 11 - artesian discharge
- 12 - surface mine drainage (adit)
- 13 - underground mine drainage
- 17 - interstitial
- 26 - thermal spring
- 27 - drill-stem test

TEMP. : Water temperature measured either on discharge at surface, in underground workings, or by downhole temperature probe, in degrees Centigrade.

pH : pH (undifferentiated) either measured in situ or on laboratory sample.

CHEMICAL ANALYSIS : Concentration of Na, K, Ca, Mg, HCO_3, SO_4, Cl and Si, where measured, in milligrams per litre.

TDS : Total dissolved solids. This value is a sum or the major component ions listed. If no value of an ion is available, except for Si, then the TDS value is not calculated.

LITHOSTRATIGRAPHICAL CODE

TERTIARY (G)		
BGS	GE	Bagshot Sands
LC	GY	London Clay
CRETACEOUS (K)		
AC	KP	Atherfield Clay
CK	KU	Chalk (undivided)
FO	KPKA	Folkestone Beds
GLT	KA	Gault
HY	KP	Hythe Beds
LCK	KE	Lower Chalk
LGS	KPKA	Lower Greensand
MCK	KT	Middle Chalk
UCK	KTKM	Upper Chalk
UGS	KA	Upper Greensand (except Devon)
UMCK	KTKM	Upper and Middle Chalk
W	KVKB	Wealden Series
JURASSIC (J)		
BDS	JTJB	Bridport Sands
CB	JNJC	Cornbrash
CR	JO	Corallian Beds
FMB	JN	Forest Marble
GOG	JN	Great Oolite Group
INO	JB	Inferior Oolite
KLB	JC	Kellaways Beds
LI	JHJT	Lias
MLI	JEJT	Middle Lias
OXC	JCJD	Oxford Clay
PB	JVKZ	Purbeck Beds
PL	JP	Portland Beds
PLS	JP	Portland Sand
ULI	JT	Upper Lias
TRIASSIC (T)		
BN	TS	Bunter (undivided)*
BNP	TS	Bunter Pebble Beds*
BNS	TS	Bunter Sandstone*
KM	T	Keuper Marl+
KS	TSTA	Keuper Sandstone*
LKS	TSTA	Lower Keuper Sandstone*
RH	TR	Rhaetic°
UMS	TS	Upper Mottled Sandstone*

* Now classified as Sherwood Sandstone Group

\+ Now called Mercia Mudstone Group

° Now called Penarth Group

PERMO TRIASSIC (PT)

PERMIAN (P)

BPST	P	Basal Permian Sandstone
CS	PL	Collyhurst Sandstone
LML	PU	Lower Magnesian Limestone
LMS	PUTS	Lower Mottled Sandstone
MGL	PU	Magnesian Limestone
MMGL	PU	Middle Magnesian Limestone
UML	PU	Upper Magnesian Limestone

CARBONIFEROUS (C)

Westphalian

CM	CW	Coal Measures
CRS	CA	Crawshaw Sandstone
GR	CA	Grenoside Sandstone
KE	CD	Keele Formation
LCM	CA	Lower Coal Measures
LER	CA	Loxley Edge Rock
MCM	CBCC	Middle Coal Measures
SR	CA	Silkstone Rock
UCM	CCCD	Upper Coal Measures
WGF	CA	Wingfield Flags

Namurian

ASG	CZ	Ashover Grit
CHG	CZ	Chatsworth Grit
GGF	CE	Grassington Grit Formation
KG	CK	Kinderscout Grit
MG	CN	Millstone Grit
MGT	CZ	Middle Grits
PHG	CZ	Pule Hill Grit
RR	CY	Rough Rock

Dinantian

CHL	CFCI	Chatburn Limestone
CL	CL	Carboniferous Limestone
CSM	CL	Calciferous Sandstone Measures
CST	CL	Cementstone Group
LCA	CL	Lower Carboniferous
LSH	CF	Lower Limestone Shale

DEVONIAN (D)

TSG	DACT	Tintern Sandstone
	DO	Old Red Sandstone

Seq No	Locality	N G R	Depth Well (m)	Depth Smpl (m)	Form.	Date	Type	Temp degC	pH	Chemical analysis Na (mg/l)	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
81 777	LARNE DST2 STAND 40	ID556 569	2880	1347	BNS TS	150481	27	45.0	6.6	75500	314	2780	861	79	3060	114700	7.4	197269
76 733	BALLYLOUGHAN BRIDGE	IH8470 8047	555	238	PT	161276	11	8.2	8.0	97	4	13	9	246	7	58	4.8	319
76 730	WILSONS BRIDGE NO.3	IH887 476	357	166	C	161276	11	11.5		73	3	48	23	275	128	23	5.4	445
79 234	BALLYMACILROY ANTRIM	IJ3060 3975	2272	1526	BNS TS	200279	17			32200	280	6000	920		3900	58000	5.1	
79 258	BALLYMACILROY ANTRIM	IJ3060 3975	2272	1902	P	150379	27	65.5		38000	480	6300	1000		1600	69000	5.9	
67 203	STRATHPEFFER STHRLND	NH49 58					02			72	9	134	120	145	778	39	20.4	1267
67 204	STRATHPEFFER STRONG	NH49 58					02			31	13	301	89	259	924		14.3	
761277	LDYWELL BRDG OF EARN	NO13 18					08			259	7	405	19	60	18	1037	0.1	1775
761279	OCHLSPA BRDG OF EARN	NO13 18					08			12	4	26	5	38	18	9	3.5	101
761278	SPAWELL BRDG OF EARN	NO13 18					08			576	12	819	45	58	42	2317	5.1	3850
771057	BARONY COLLIERY	NS5105019710		411	CM CW	091176	13	19.	8.2	1155	18	42	28	923	20	1380		3097
771058	BARONY COLLIERY	NS5141019188		365	CM CW	111176	13	12.	8.4	465	5	3	1	574	25	373		1155
771059	BARONY COLLIERY	NS5140019180		365	CM CW	111176	13	12.	8.0	888	8	14	5	634	15	1037		2278
771060	BARONY COLLIERY	NS5110019730		411	CM CW	091176	13	19.	8.0	520	8	21	7	574	18	514		1370
771044	BOGSIDE COLLRY,FIFE	NS9683087188		297	CM CW	311075	13	17.	7.0	590	25	233	26	256		1271		
771045	BOGSIDE COLLRY.FIFE	NS9564487782		334	CM CW	061274	13	17.	7.8	57	14	40	7	285	3	26		288
67 201	BRIDGE OF ALLAN	NS79 98				29	02			2000	10	1414	21	105	225	5423	11.6	9169
761265	CAMBUS DISTILLERY	NS8541 9409	264			37	07			576		285	84	135	38	1319		
771024	CASTLEHILL COLLIERY	NS9753992769		365	CM CW	181174	13	16.	8.4	135	7	22	5	379		43		
771025	CASTLEHILL COLLIERY	NS9676091067		306	CM CW	181174	13	16.	7.8	49	7	49	13	327		16		
771035	CASTLEHILL COLL.FIFE	NS9732492300		344	CM CW	181174	13	16.	8.3	106	6	11	3	298		20		
771039	CASTLEHILL COLL.FIFE	NS9752890070		60	CM KW	211174	13	18.	8.2	26	5	53	33	357	10	20		322
771040	CASTLEHILL COLL.FIFE	NS9663291160		362	CM CW	181174	13	16.	8.2	114	6	50	12	384	5	76		451
771041	CASTLEHILL COLL.FIFE	NS9633090128		298	CM CW	211174	13	18.5	7.9	251	7	38	13	338		304		
761266	DOUGLAS CLRY LANARK	NS83 30		239			13	12.2	7.4			53	18		350	140		
761261	FALLING PITS NO 3	NS8 9		246		40	13			1026		77	14	242		1382	11.0	
771050	HIGHHOUSE COLLIERY	NS5321 72027		335	CM CW	050675	13	19.	7.9	3021	86	142	40	207		4785		
771051	HIGHHOUSE COLLIERY	NS5421 40042		265	CM CW	010975	13	16.5	8.7	1595	22	5	25	2340	18	1164		3980
771052	HIGHHOUSE COLLIERY	NS5383021109		420	CM CW	260675	13	23.	7.9	2675	78	93	27	343	5	4269		7315
771053	HIGHHOUSE COLLIERY	NS5421 93063		176	CM CW	260375	13	18.	8.4	57	3	38	31	313		28	20.1	
771054	HIGHHOUSE COLLIERY	NS5321 72026		436	CM CW	250375	13	18.	7.9	2957	24	141	47	197		4871	16.8	
771055	HIGHHOUSE COLLIERY	NS5421 01843		398	CM CW	240375	13	18.	8.1	2660	33	46	30	1563		3380	7.9	
771056	HIGHHOUSE COLLIERY	NS5421 10037		426	CM CW	070375	13	13.	8.0	2266	28	74	23	338		3550		
771061	KILLOCH COLLIERY	NS4883021306		655	CM CW	020376	13	17.	7.8	2408	31	134	33	290		3912	5.6	
771062	KILLOCH COLLIERY	NS4909421144		617	CM CW	020376	13	17.	8.2	1820	7	49	16	429		2677	9.4	

Seq No	Locality	N G R	Depth Well m	Depth Smpl m	Form.		Date	Type	Temp degC	pH	Chemical analysis Na	K	Ca	Mg	HCO3 mg/l	SO4	Cl	Si	TDS
771063	KILLOCH COLLIERY	NS4937820888		574	CM	CW	020376	13	17.	7.8	944	8	28	9	351	51	1299	4.7	2521
771065	KILLOCH COLLIERY	NS4689718590		414	CM	CW	030376	13	17.	8.6	780	22	9	4	956		667	7.0	
771066	KILLOCH COLLIERY	NS5002319518		442	CM	CW	070476	13	20.	8.0	645	8	15	4	557	36	696	3.3	1685
771067	KILLOCH COLLIERY	NS5000019954		309	CM	CW	040376	13	17.	8.2	361	6	11	8	474	65	277		961
771026	KINNEIL COLLY, FIFE	NS9750883641		765	CM	CW	160474	13	19.	6.6	15800	328	13777	1361	46		53482		
771027	KINNEIL COLLY, FIFE	NS9872682952		536	CM	CW	170474	13	18.	6.2	13200	227	9051	1409	27				
771028	KINNEIL COLLY, FIFE	NS9796083772		702	CM	CW	160474	13	19.	6.0	12000	260	8891	972	112		37204		
771029	KINNEIL COLLY, FIFE	NS9834082157		542	CM	CW	170474	13	20.	6.5	12750	192	9291	1215	51		40108		
771030	KINNEIL COLLY, FIFE	NS9875483150		515	CM	CW	170474	13	20.	6.3	6850	130	2964	705	222		18016		
771031	KINNEIL COLLY, FIFE	NS9766184107		673	CM	CW	100275	13	17.	6.8	9940	114	3244	705	176		23430		
761271	MAINS LINLITHGOW	NS99 77	128					07			666	11	183	47	212	80	1258	4.3	2358
761272	MAINS LINLITHGOW	NS99 77	137					07			755		50	3	67	9	1215	8.0	
761262	MANOR POWIS STIRLING	NS8292 9478		518	CM	CW		13			1426		1321	4	86	37	4452	6.1	
771068	POLKEMMET COLLRY	NS9231268102		487	CM	CW	130275	13		7.6	243	10	32	6	412		199		
771069	POLKEMMET COLLRY	NS9200463027		548	CM	CW	261076	13	17.	8.1	171	7	19	19	553		34		
771070	POLKEMMET COLLRY	NS9190062780		549	CM	CW	261076	13	17.	8.3	212	9	26	15	653		34		
771071	POLKEMMET COLLRY	NS9189063490		549	CM	CW	261074	13	17.	7.3	275	13	61	20	944		54		
771072	POLKEMMET COLLRY	NS9336667650		488	CM	CW	271076	13	19.	8.3	160	5	11	4	362		65		
771073	POLKEMMET COLLRY	NS9208268414		495	CM	CW	271076	13	19.	7.3	171	7	42	9	530		60		
771074	POLKEMMET COLLRY	NS9263367654		495	CM	CW	271076	13	19.	7.8	143	5	35	9	460		45		
771075	POLKEMMET COLLRY	NS9071063598		541	CM	CW	281076	13	18.	8.3	245	8	13	4	611		54		
771076	POLKEMMET COLLRY	NS9085263631		541	CM	CW	281076	13	18.		612	12	3	25	1528		80		
761453	SALSBURGH NO. 1A	NS8166 6486	883	874	CSM	CL	120764	27	29.	7.6	7110	22	10756	67	62	81	12354		30420
771036	SOLSGIRTH COLLY. FIFE	NS9777793290		387	CM	CW	241074	13	21.5	8.5	89	3	14	3	271		11		
771037	SOLSGIRTH COLLY. FIFE	NS9756992836		355	CM	CW	241074	13	21.5	8.3	156	3	20	4	412		46		
771038	SOLSGIRTH COLLY. FIFE	NS9762392953		376	CM	CW	241074	13	21.5	8.5	148	3	16	4	377		47		
771042	SOLSGIRTH COLLY. FIFE	NS9799293856		219	CM	CW	241074	13	22.	7.5	8	2	22	7	110		11		
771043	SOLSGIRTH COLLY. FIFE	NS9872295393		287	CM	CW	311074	13	11.	8.2	53	6	20	4	222		10		
761263	THISTLE BRWRY ALLOA	NS8877 9281	182					07		7.1	29	16	75	26	131	98	34	3.3	349
761264	THISTLE BRWRY ALLOA	NS8879 9277	128				080525	07			14	5	77	25	138	63	23		276
771032	VALLEYFIELD COLLIERY	NS9892884851		745	CM	CW	230574	13	19.	7.1	14050	170	901	1093	26		41251		
771033	VALLEYFIELD COLLIERY	NS9891384793		384	CM	CW	210574	13	19.	7.1	9683	161	6167	875	112		28684		
771034	VALLEYFIELD COLLIERY	NS9868084800		764	CM	CW	230574	13	19.	7.2	14313	186	9411	1433	39		43168		
771023	VALLEYFIELD COLLIERY	NS9828883576		907	CM	CW	100975	13	16.5	5.1	27489	731	23788	3256	24		96134		
761276	ALUM WKS BURNTISLAND	NT2251 8633	122		CSM	CL	241240	07			188		155	69	222	103	435	3.3	
771046	BILSTON GLEN COLLRY	NT2996163201		670	CM	CW	291173	13	15.	7.7	50	19	56	24	334		68		
761260	BLAIRHAL CLY CULROSS	NT004 885		596	CM	CW	300343	13			288		71	57	261	69	369		
761236	GORE PIT EDINBURGH	NT3394 6143		213				13		8.4	148		142	83	102	444	67	5.6	
771047	LADY VICTORIA COLLRY	NT3294666666		768	CM	CW	190374	13	18.	7.6	11	4	760	41	437		21		

Seq No	Locality	N G R	Depth Well m	Depth Smpl m	Form.		Date	Type	Temp degC	pH	Chemical analysis Na mg/l	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
771048	LADY VICTORIA COLLRY	NT3245465148		788	CM	CW	200374	13		7.4	55	29	141	39	443		216		
771049	LADY VICTORIA COLLRY	NT3324265624		623	CM	CW	180374	13	18.	7.5	23	13	65	35	350		61		
761273	LINO WKS KIRKCALDY	NT2861 9286	145		CM	CW	241235	10			93	27	228	189	345	920	78	4.6	1715
67 111	MOFFAT WELL DUMFRIES	NT08 05						02			392	4	61	25	141	14	721	14.6	1317
761465	PUMPHERSTON NO.1	NT0733 6979	1175	1037	CST	CL	110163	27	34.	6.8	31731	271	14000	2184	55	15	20230		68458
771022	SEAFIELD COLLIERY	NT3184786914		520	CM	CW	251074	13	21.0	7.7	308	4	761	340	167		2769		
761269	ARTD WTR FCTRY DMFRS	NX9746 7627	122				02	07			52		100	25	113	96	50	4.5	
761268	OLD BREWERY DUMFRIES	NX9685 7621	96					07			8		25	13	60	7	12		
761270	ANNAN DUMFRIES	NY1820 6520	60				0434	07		8.5	102		52	34	67	39	214	6.7	
761235	CREAMERY LOCKERBIE	NY1387 8153	182				0255	07		7.6	98		138	57	88	544	50		
761267	KERSHOPEFOOT NWCSTLT	NY47 82			CST	CL	170538	07		7.3	10		58	26	135	21	8	2.0	
761234	PRISTDYK FM LOCKRBIE	NY1037 8160	122				74	07		7.6	11	3	36	15	81	37	13		154
71 140	BLACKHALL COLLIERY	NZ510 430			CM	CW	280171	13		6.5	68500	5750	3200	2400	68	4046	119150		203079
71 291	BLACKHALL COLLIERY	NZ4688039800		373	CM	CW	011162	13		7.3	16950	1158	1841	940	111	231	27664		48838
71 301	BLACKHALL COLLIERY	NZ4986742485		380	CM	CW	220564	13		6.7	53000	5240	2723	2187	117	5550	101656		170413
71 304	BLACKHALL COLLIERY	NZ5009042280		443	CM	CW	060655	13		5.8	42680	490	11626	2680	29		85280		
771094	CASTLE EDEN	NZ437 381	192		MGL	PU	080976	10		7.6	87	6	90	62	360	220	106	4.1	757
771092	CROOKFOOT HARTLEPOOL	NZ4337 3147	167		MGL	PU	290975	10		7.7	25	2	47	26	245	42	28	2.4	296
811136	EGTON HIGH MOOR NO.1	NZ7695602788	1232	1226	UML	PU	050269	27		8.4	85404	413	1680	336	335	4173	134190		226360
811137	EGTON HIGH MOOR NO.1	NZ7695602788	1297	1289	MMGL	PU	120269	27		8.3	113002	296	1180	120	792	6120	171820		292927
811099	ESKDALE NO.10	NZ8 0	1347	1334	UML	PU	311253	27		5.9	115674	3558	3416	1007	37	1294	189580		314547
811100	ESKDALE NO.10	NZ8 0	1468	1455	LML	PU	020254	27		6.7	119800	3233	2870	404	18	2328	192400		321043
811102	ESKDALE NO.11	NZ8544 0424	1498	1493	UML	PU	311257	27		8.7	115420	3556	3848	786	59	1333	189570		314542
811101	ESKDALE NO.11	NZ8544 0424	1715	1655	LML	PU	050258	27		7.2	118508	5136	1792	218	117	3776	188500		317987
811103	ESKDALE NO.12	NZ857 082	1715	1702	LML	UP	190763	27		6.6	117320	9126	1920	384	69	1967	192055		322805
761424	HARTON NO.1	NZ3966 6562	975	942	CL	CL	060360	27	39.7	6.2	55637	555	9280	2140	18	18	109000		176638
761425	HARTON NO.1	NZ3966 6562	1338	1322	CL	CL	290360	27	44.8	5.2	62582	560	9608	2270	58	6	120700		195754
761426	HARTON NO.1	NZ3966 6562	1624	1609	CL	CL	100560	27		5.2	60369	770	15840	1790	14	82	127100		205957
771095	HAWTHORN B/H	NZ415 448	151		MGL	PU	0276	10		7.4	23	2	76	42	264	130	35	3.9	446
71 132	HORDEN COLLIERY	NZ4640842553		245	CM	CW	260171	13		6.5	11400	240	2400	1400	175	1000	26020		42546
71 133	HORDEN COLLIERY	NZ4645542825		249	CM	CW	260171	13		6.3	19700	360	5000	1600	140		42030		
71 134	HORDEN COLLIERY	NZ4607043590		243	CM	CW	260171	13		6.9	19700	300	4800	1600	88		41835		
71 135	HORDEN COLLIERY	NZ4715043740		266	CM	CW	270171	13		7.2	10700	520	1200	1600	140	4046	25500		43634
71 142	HORDEN COLLIERY	NZ4607743731		212		PL	100271	13			16700	240	3600	1400	104		35230		
71 324	HORDEN COLLIERY	NZ4611042310		234	CM	CW	240264	13		7.0	24000	300	4565	1312	98	3	38340		68568
71 326	HORDEN COLLIERY	NZ4642000558		239	CM	CW	201265	13		7.1	17000	1300	3120	1170	133	100	25920		48675
71 327	HORDEN COLLIERY	NZ4620042488		234	CM	CW	110365	13		7.2	24200	440	5566	1356	88		38610		

Seq No	Locality	N G R	Depth Well m	Depth Smpl m	Form.	Date	Type	Temp degC	pH	Chemical analysis Na mg/l	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
811096	KIRKLEATHAM NO. 1	NZ5879 2127	506	495	BNS TS	060745	27		7.7	9408	20	964	68	66	5098	12602		28192
811097	KIRKLEATHAM NO. 1	NZ5879 2127	945	914	LML PU	311045	10		6.5	79339	316	3376	1328	102	3399	129930		217738
811098	KIRKLEATHAM NO. 2	NZ5925 2371	860	735	MGL PU	210646	27		6.3	77500	1050	2430	1053	59	3827	124960		210849
771096	MILL HILL B/H	NZ412 425	195		MGL PU	76	10		7.8	21	1	55	38	329	25	32	4.0	342
771091	NAISBERRY NO. 2 HTLPL	NZ4662 3367	152		MGL PU	290975	10		7.7	204	7	81	56	311	66	394	3.1	967
761259	NEWTON MULGRAVE NO 1	NZ7739 1360	2059	1472	MGL PU	270865	27		10.2	120103	186	1760	96	210	3967	185455		311669
811124	NEWTON MULGRAVE NO. 1	NZ7739 1360	1731	1716	MG CN	010965	27		6.5	94680	251	10455	2136	7	766	170203		278494
761258	NEWTON MULGRAVE NO 1	NZ7739 1360	2059	1723	LML PU	010965	27		7.3	111273	115	2256	404	36	4000	173733		291799
771093	NEW WINNING	NZ4072 3854	153		MGL PU	100276	10		7.4	35	2	93	54		180	48	4.1	
761248	RALPH CROSS NO 1 YRK	NZ6759702433	1631	1036	UML PU	270966	27		6.7	61000	270	1920	144	282	6535	94075		164082
811129	RALPH CROSS NO. 1 YRK	NZ6759702433	1070	1052	UML PU	040866	27		7.6	78000	255	3200	810	210	2890	126025		211283
811130	RALPH CROSS NO. 1 YRK	NZ6759702433	1100	1083	MMGLPU	090866	27		7.5	74000	225	3240	859	101	3235	113600		195208
811131	RALPH CROSS NO. 1 YRK	NZ6759702433	1146	1138	MMGLPU	130866	27		8.4	76000	220	1570	246	210	2791	120700		201630
761247	RALPH CROSS NO 1 YRK	NZ6759702433	1631	1341	C	120966	27		6.5	103000	310	2120	516	115	3144	170365		279511
761246	RALPH CROSS NO 1 YRK	NZ6759702433	1631	1352	LML PU	120966	27		7.7	97500	245	1920	408	161	2723	141970		244845
71 138	S HETTON COLLIERY	NZ382 453			CM CW	0171	13		6.6	22900	500	7400	1600	118		53460		
71 139	S HETTON COLLIERY	NZ382 453			CM CW	280171	13		2.6	2300	80	400	400	0	4500	990		
71 136	VANE TEMPEST COLIERY	NZ442 504		682	CM CW	280171	13		6.2	35500	720	8400	2600	58		88990		
71 137	VANE TEMPEST COLIERY	NZ441 508		664	CM CW	280171	13			51500	900	9000	3400	16		118360		
771090	WATERLOO PLANTATION	NZ3913 2937	189		MGL PU	290975	10			21	2	89	40	347	100	32	3.3	461
71 131	WESTOE COLLIERY	NZ4144068035			CM CW	250171	13		5.7	44000	640	6600	3600	37		89140		
761027	BOULSWORTH NO1 LANCS	SD9268534790	1919	1377	CL CL	0763	27	45.5	6.8	21900	2760	2780	660	295	850	42500		71595
761028	BOULSWORTH NO1 LANCS	SD9268534790	1919	1515	CHL CFCI	0763	27	48.3	6.9	20200		2580	520	265	830	38700		
761029	BOULSWORTH NO1 LANCS	SD9268534790	1919	1684	LSH CF	0763	27	49.7	6.3	28100	290	3360	740	295	340	54900		87875
761030	BOULSWORTH NO1 LANCS	SD9268534790	1919	1834	LSH CF	0963	27	57.2		29200	510	4930	860	103	860	65200		101610
761031	BOULSWORTH NO1 LANCS	SD9268534790	1919	1919	DO	0963	27	57.2		38000	800	6110	960	132	410	90400		136744
811104	FORMBY NO. 4	SD2822 0748	871	856	MG CN	221149	27		7.2	88820	316	2176	607	41	2198	141290		235427
811105	FORMBY NO. 5	SD2973 1246	442	436	KS TSTA	101051	27		7.4	9605	113	657	97	59	4868	12709		28078
811106	FORMBY NO. 5	SD2973 1246	640	628	BNS TS	181051	27		7.1	69138	192	1490	496	55	3283	108453		183079
811107	FORMBY NO. 5	SD2973 1246	844	838	BNS TS	251051	27		7.3	89479	258	1976	596	51	3498	140870		236702
771121	KIRKHAM	SD4324 3747	445	150	BN TS	080574	09	13.5	7.2	36700	43	860	2400	146	14680	49200		103954
73 277	RAYDALE HAWES	SD9026 8474	600	285	CL CL	0673	11	19.0	7.7	145	9	80	26		26	178		
761545	ASKERN NO. 1	SE5651 1502	1467	1457	CL CL	061257	27	68.	6.9	28981	346	4752	750	121	1009	54800		90697
811151	BARTON NO. 1	SE7219964674	810	728	MMGLPU	201073	27		12.4	16900		2040	0	974	4890	23400		
811149	BARTON NO. 1	SE7219964674	919	900	BNS TS	031073	27		6.7	73370		2520	780	152	5155	116100		
811150	BARTON NO. 1	SE7219964674	952	938	MCM CBCC	181073	27		8.1	65642		2720	680	122	4760	104600		
761438	BURTON UPON STATHER	SE8787 1882	1857	1610	MG CN	181165	27	58.	6.6	22614	393	7080	1632	150	1186	51475		84453
761536	BUTTERWICK NO. 1	SE8421 8563	1430	1418	MG CN	180958	27	71.	4.9	48382	876	18880	887	44	8	111500		180554

Seq No	Locality	N G R	Depth Well	Depth Smpl	Form.	Date	Type	Temp degC	pH	Chemical analysis Na	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
			--- m ---							---------- mg/l ----------								
761434	CROWLE NO. 1	SE7734 1193	1270	1060	CM CW	150666	27	40.		3537	73	660	120	212	1762	5530		11786
761433	CROWLE NO. 1	SE7734 1193	1270	1240	CM CW	140666	27	48.	8.0	11696	239	4000	600	161	970	26199		43782
811039	ELLENTHORPE NO. 1	SE4234 6703	797	609	CL CL	191245	27		7.5	30460	299	3769	1074	201	99	56800		92599
811040	ELLENTHORPE NO. 1	SE4234 6703	807	799	CL CL	261145	27		8.1	10175	102	267	402	347	74	17040		28230
811090	ELLENTHORPE NO. 1	SE4234 6703	1097	1070	CL CL	090146	27		7.4	11846	121	426	306	424	132	19525		32564
761257	HARSLEY NO 1 YORKS	SE4223 9807	1078	646	MMGLPU	270265	27		8.1	2622	42	860	252	103	4612	2811		11249
761437	HATFIELD NO. 1	SE6931 0696	1603	1268	MG CN	050166	27	50.4	6.8	24921	398	9880	2184	51	127	62480		100015
761436	HATFIELD NO. 2	SE6724 0674	457	421	CM CW	100166	27	20.	8.3	1503	209	14	3	322	906	1562		4356
761435	HATFIELD NO. 2	SE6724 0674	1393	1052	CM CW	230266	27	43.1	6.8	57115	621	18240	3120	25	20	129930		209058
761251	LANGTOFT NO 1 YORKS	SE9934065196	1993	1438	UML PU	080271	27	37.2	5.8	105425		14309	1884	127	668	192864		
761256	LANGTOFT NO 1 YORKS	SE9934065196	1993	1447	UML PU	0271	27	36.9	6.5	114283		8275	1386	305	569	194280		
761253	LANGTOFT NO 1 YORKS	SE9934065196	1993	1585	MMGLPU	040271	27	38.8	5.9	81614		21202	9360	636	485	125149		
761250	LANGTOFT NO 1 YORKS	SE9934065196	1993	1804	P	020271	27	41.6	5.3	107271		7996	1447	105	608	183647		
761021	LOCKTON NO 2A YORKS	SE9026 9014	2048	1805	MGL PU	290766	27		5.5	24196	390	29140	9999	147	490	142142		206430
761023	LOCKTON NO 2A YORKS	SE9026 9014	2048	1814	MGL PU	020866	27		6.2	5653	128	6400	2520	123	187	27720		42668
811141	LOCKTON NO. 2A	SE903 902	1879	1847	MMGLPU	230566	27		6.3	117723		2792	631		1325	187229		
761237	LOCKTON NO 5 YORKS	SE8931891371	1891	1859	MMGLPU	130767	27		6.7	113620	6820	2598	758	488	3423	185400		312859
761238	LOCKTON NO 6 YORKS	SE9096087620	2001	1780	MMGLPU	051167	27		6.4	106766	6002	3529	642	342	864	177500		295471
761239	LOCKTON NO 7 YORKS	SE9173090178	2134	1763	MMGLPU	110368	27		5.7	121854	4600	1572	1256	952	8940	191600		330290
761240	LOCKTON NO 7 YORKS	SE9173090178	2134	1807	MMGLPU	110368	27		6.5	117645	6012	2615	651	366	2450	191600		321153
761245	LOCKTON NO 8 YORKS	SE9099 8948	2011	1669	UML PU	0271	27		6.5	113042		3607	486	277	2002	181519		
761241	LOCKTON NO 8 YORKS	SE9099 8948	2011	1825		0271	27		6.6	102808		10180	437	129	1207	176910		
761242	LOCKTON NO 8 YORKS	SE9099 8948	2011	1860		0271	27		6.3	98744		7214	2358		1518	171060		
761243	LOCKTON NO 8 YORKS	SE9099 8948	2011	1918	MMGLPU	0271	27		6.5	109974		4008	729	227	1598	177619		
811132	MALTON NO. 1 YORKS	SE7551676394	1231	1212	UML PU	300970	27		7.5	118600	280	5640	990	2599	300	185000		312088
761337	MALTON NO 1 YORKS	SE7551676394	1930	1225		231170	27			51750	871	64960	4130	1440	740	206610		329769
761343	MALTON NO 1 YORKS	SE7551676394	1930	1232	UML PU	1070	27		6.1	69900	280	33600	1000	1700	760	169000		275376
761338	MALTON NO 1 YORKS	SE7551676394	1930	1232	UML PU	1170	27		3.8	45300	1100	47700	5800		370	172000		
761345	MALTON NO 1 YORKS	SE7551676394	1930	1258	MMGLPU	1070	27		6.0	61300	290	42300	3000	2200	820	177000		285792
811135	MALTON NO. 1 YORKS	SE7551676394	1930	1303	MMGLPU	181170	27		6.1	80700	1440	29600	1990	1220	630	183000		297960
811134	MALTON NO. 1 YORKS	SE7551676394	1316	1313	MMGLPU	141170	27		4.6	85800	1825	16400	5530	950	640	178000		288662
761360	MALTON NO 1 YORKS	SE7551676394	1930	1537	BPSTP	1070	27		6.3	72000	265	46400	1750	575	14	195000		315711
811133	MALTON NO. 1 YORKS	SE7551676394	1579	1562	MG CN	171070	27		6.6	74500	340	44800	2290	720	14	195000		317298
761170	ROSEDALE NO 1 YORKS	SE7267394960	1635	992	MGL PU	1166	27		6.8	92000	216	3580	649	244	2552	133550		232667
761169	ROSEDALE NO 1 YORKS	SE7267394960	1635	1037	MGL PU	1166	27		6.9	94000	210	2850	612	201	2409	134100		234279
761168	ROSEDALE NO 1 YORKS	SE7267394960	1635	1316	BPSTP	1166	27		6.1	89000	208	5270	697	268	2645	127725		225676
811035	SAWLEY NO. 1	SE24 67	290	282	GGF CE	301145			7.8	836.	12	104	57	99	107	1456		2620
811025	TRUMFLEET NO. 1	SE6051 1259	967	962	RR CY	290457	27		6.3	82360	490	8840	1135	55	425	146230		239507
811023	TRUMFLEET NO. 1	SE6051 1259	1027	1022	ASG CZ	260557	27		5.6	64610	2170	24400	2532	0	10	152330		
811064	TRUMFLEET NO. 1	SE6051 1259	1580	1524	CL CL	040757	27		7.3	31327	389	5384	882	183	1012	59930		99014

Seq No	Locality	N G R	Depth Well	Depth Smpl	Form.	Date	Type	Temp degC	pH	Chemical analysis Na	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
			--- m ---							--- mg/l ---								
811024	TRUMFLEET NO. 2	SE6035 1247	1062	1034	PHG CZ	010958	27		6.3	69460	253	14000	925	29	20	134900		219573
761478	WHITWELL NO. 1	SE7279 6575	1001	957	MGL PU	030961	27	37.5	7.7	65825	596	3480	816	124	2888	108275		181941
761479	WHITWELL NO. 1	SE7279 6575	1189	1143	MGL PU	100961	27		6.5	62760	604	6400	1092	62	1968	110425		183279
761480	WHITWELL NO. 1	SE7279 6575	1634	1606	CM CW	250961	27	55.		43364	446	14375	1710	40	1490	96520		157924
761336	WYKEHAM NO 1 YORKS	SE9238087344	2009	1038	BNS TS	250871	27		6.4	79160		3667	603	58	20085	119122		
761327	WYKEHAM NO 1 YORKS	SE9238087344	2009	1758		091071	27		6.8	124411		4369	632	909	1322	199954		
761323	WYKEHAM NO 1 YORKS	SE9238087344	2009	1783	MMGLPU	130971	27		6.5	125196		2725	681	113	150	192864		
761329	WYKEHAM NO 1 YORKS	SE9238087344	2009	1900		011071	27		5.6	121246		3367	511	504	19	194282		
67 197	TREFRIW NO 2 SPRING	SH778 653				53	02			6		202	64		3280	3	60.8	
761309	ASHTON MAIN BOREHOLE	SJ5040 6950	243		BNS TS	270770	07		7.4	23	3	47	16	101	23	35	5.3	208
761298	BOMERE HEATH SALOP	SJ473 202	93			0458	07		7.4	52		73	16	125	83	26		
761322	BNDRY CTG P/S CROFT	SJ643 956	214		BNS TS	030964	07		7.1	35	4	79	39	239	2	26	3.7	310
761316	BRDSIDE MLS REDDISH	SJ8912 9298	136		CS PL	38	07			31	3	57	28	127	9	20		210
761310	CARRINGTON CHESHIRE	SJ7435 9187	111			140157	07		7.0	17	3	109	17	219	4	14	8.4	289
761311	CHURCH LN WOODFORD	SJ874 8265	304		BNS TS	030664	07		7.4	10		56	16	[illegible]	9	13		
771122	CLOTTON B/H TARPORLY	SJ528 635	304	300	BN TS	260173	09	11.2		11.	2	51.	14	189.	12.	21.	8.7	222
761012	COTON CAMP ALVELEY	SJ228 065	91	58	KE CD	190544	10					103	6		33	17		
771123	EDWARD GORTON SUTTON	SJ5337 7912	196	195	BN TS	100275	09		7.0	138	7	500	802	303	1440	100	7.1	3150
761368	ENSONMOOR MARSTON	SJ9268 2916	258			080886	11			186	33	38	7	66	97	259	9.8	674
761394	ESSEX BRIDGE	SJ9946 2245	93		BNP TS	230463	07		7.0	7550	29	727	170	101	1573	12100	4.7	22208
761314	FALIBROOME PRESTBURY	SJ892 756	169		UMS TS	031069	07		7.1	13	1	83	20	150	38	11	2.3	245
72 210	GRANVILLE COLLIERY	SJ7282 1270		400		180472	13		7.9	518	13	8	1		21	472		
761374	GRINDLE FORGE	SJ7524 0348	137		LMS PUTS	190566	07		7.7	8	5	51	5	85	9	11	6.5	144
761299	HODNET NO 2 SALOP	SJ6042 2879	91			1159	07		7.6	42		61	10	100	38	18		
761366	HOLLIES P/S GNOSALL	SJ8155 2244	183		BNP TS	080339	10		7.5	12		82	29		47	19	4.6	
761367	HOLLIES P/S GNOSALL	SJ8155 2244	183		BNP TS	051159	10		7.3	12		58	27	151	74	21		
761429	KEELE NO. 1	SJ8292 4397		958	CM CW	311243	27		8.0	13900	474	924	419	439	16	24353		40301
761430	KEELE NO. 1	SJ8292 4397			CM CW	130144	27		8.0	13000	632	604	269	508		22010		
761369	LOWER EYTON ALBERBRY	SJ3775 1450	91			060858	07		7.0	86		84	21	146	28	20		
761313	MCLSFLD OVR ALDRLY	SJ8533 7611	304			251163	07		7.1	8	4	37	6		8	10	7.5	
761312	MCLSFLD OVR ALDRLY	SJ8533 7611	304	86		130971	07		7.3	9	2	30	2		13	18	0.1	
761315	MOTTRAM ST ANDREW	SJ865 785	152	31	BN TS	010770	07		7.4	14	3	65	19	123	48	8	2.3	222
71 490	NEACHLEY NO 1	SJ779 069	320			031171	10	12.5		6	4	63	6		35	11		
761371	NEACHLEY NO 1	SJ779 069	321		LMS PUTS	130262	10			4	4	88	5	93	10	13	5.1	180
761372	NEACHLEY NO 3	SJ785 088	321		LMS PUTS	130262	07			4	4	57	5	91	9	13	4.6	146
771119	ORGANSDALE NO. 1	SJ551 683	457	427	BN TS	131071	09	12.1	7.7	92	3	20	8	202	22	58	7.2	318
771120	ORGANSDALE NO. 1	SJ551 683	460	451	BN TS	131071	09	12.2	8.1	360	4	20	6	266	47	390	6.0	971
761319	PEX HILL CRONTON	SJ5010 8883	228		BN TS	161260	07		7.0	11	3	50	24	114	24	22	2.9	196

Seq No	Locality	N G R	Depth Well m	Depth Smpl m	Form.	Date	Type	Temp degC	pH	Chemical analysis Na mg/l	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
771124	PRIORS HEYS TARVIN	SJ5121 6642	304	250	BN TS	030275	09	10.8		332	8	52	21	185	35	540	3.5	1086
761305	RUSHTON NO 1 MCLSFLD	SJ931 630	105		BNP TS	180269	07		7.0	12	4	51	12	93	26	17	2.3	173
761308	SHEEPWASH STOKE-TRNT	SJ9509 4514	122	97		270158	11		7.4	3		70	4	96	18	10		
761364	SPTTLE HSE PRESTBURY	SJ898 776	153		UMS TS	0570	07		7.3	11	2	69	18	35	42	17	2.3	181
761011	STONE BREWERY NO 1	SJ9007 3391	111			1162	07		7.5	3		21	21	108	14			
761010	STONE BREWERY NO 2	SJ9011 3392	92			1162	07		7.5	5		44	22	162	28	13		
761365	STONE U.D.C.WATERWKS	SJ9135 3526	136		LMS PUTS	010357	07	11.1	7.6	7		70	12	109	42	4	4.4	
761317	WTRHOUSE P/S CRONTON	SJ4668 8796	243			190664	10		6.1	23	4	42	27	34	130	30	2.8	279
761318	WTRHOUSE P/S CRONTON	SJ4668 8796	243			260674	10		6.3	14	4	42	16	31	114	30	3.3	243
761306	WHITEWOOD LN MALPAS	SJ4666 4898	152		UMS TS	070753	10		7.9	7		54	22	112	10	25	7.5	
811036	APLEYHEAD NO. 1	SK6551 7630	1317	1304	MG CN	190860	27		5.8	37742	454	7800	1616	66	4	77370		125018
811059	APLEYHEAD NO. 1	SK6551 7630	1467	1426	CL CL	310860	27		7.1	8873	78	2010	295	193	1403	16970		29723
811010	APLEYHEAD NO. 3	SK6551 7631	1052	1038	LCM CA	241160	27		6.9	31656	186	5120	808	113	30	60340		98195
811013	AVERHAM PARK G1	SK7452056300	723	690	RR CY	121242	27		7.9	4020	209	200	75	194	109	6710		11418
68 132	BAKEWELL	SK221 681				250369	02	13.3		19	1	186	24		384	23		
68 130	BALL EYE QY CROMFORD	SK289 573				240369	10	13.6		19	2	97	26		101	39		
811084	BARKESTONE NO. 1	SK7833 3426	1006	941	CL CL	300643	27		7.8	587	141	531	100	88	1679	994		4075
761454	BECKINGHAM NO. 1	SK7921 9037	1378	1372	CM CW	140264	27	49.	6.8	28956	387	6040	1032	98		58575		
761457	BECKINGHAM NO. 1	SK7921 9037	1680	1400	MG CN	090364	27	47.		20046	275	2260	444	226	5	36210		59350
761456	BECKINGHAM NO. 1	SK7921 9037	1680	1441	MG CN	070364	27	47.6	7.1	18960	257	2080	384	152	32	34080		55868
761455	BECKINGHAM NO. 1	SK7921 9037	1680	1603	MG CN	050364	27	48.		17321	211	2320	408	195	50	31950		52355
761449	BECKINGHAM NO. 4	SK7911 9069	1319	969	CM CW	070964	27	37.	7.9	3813	125	680	120	260	1500	6186		12551
811050	BINGHAM NO 1	SK7252 3935	819	804	MG CN	050259	27		7.8	1851	2	344	87	132	1407	2556		6312
811051	BINGHAM NO. 1	SK7252 3935	831	813	ASG CZ	070259	27		7.6	851	1	478	117	154	1605	1171		4299
811052	BINGHAM NO. 1	SK7252 3935	843	837	KG CK	090259	27		8.0	882	1	510	82	146	1448	1295		4290
811069	BINGHAM NO. 1	SK7252 3935	900	881	CL CL	150259	27		7.3	571	4	420	91	165	1440	674		3281
761492	BINGHAM NO. 2	SK7169 3956	808	799	MG CN	101060	27	36.		1279	8	184	65	153	1450	1278		4339
761493	BINGHAM NO. 2	SK7169 3956	823	814	MG CN	111060	27	38.	7.1	894	8	466	120	146	1547	1278		4384
761494	BINGHAM NO. 2	SK7169 3956	879	868	CL CL	181060	27	39.	7.3	815	14	164	41	329	839	742		2776
811176	BLACK CAT NO 1	SK9025463990	765	759	UCM CCCD	270881	27	31.5	7.3	4850	55	875	240	82	217	9550		15827
761486	BLYTON NO. 1	SK8434 9555	1055	1040	CM CW	271160	27	37.		29312	223	8400	1354	113	235	63900		103479
761487	BLYTON NO. 1	SK8434 9555	1226	1208	CM CW	071260	27	47.	6.1	40724	390	16120	2882	66	2	100100		160250
761488	BLYTON NO. 1	SK8434 9555	1515	1494	MG CN	070161	27	54.	6.3	31380	459	5660	816	121	643	60700		99717
761489	BLYTON NO. 1	SK8434 9555	1567	1546	MG CN	100161	27	58.	6.3	30453	461	10380	1450	115	14	69930		112744
761490	BLYTON NO. 1	SK8434 9555	1713	1701	MG CN	220161	27	59.	6.8	31135	445	5740	960	165	785	60700		99846
761491	BLYTON NO. 1	SK8434 9555	1786	1709	MG CN	300161	27	60.	6.6	32895	449	5760	864	223	707	63180		103964
811056	BOTHAMSALL NO. 1	SK6586 7368	1023	1006	CRS CA	180158	27		7.3	14772	146	2688	506	139		29035		
811057	BOTHAMSALL NO. 2	SK6554 7392	1007	996	LCM CA	140459	09		7.6	32415	299	8400	357	22	215	66030		107727
761527	BOTHAMSALL NO. 2	SK6554 7392	1046	1036	CRS CA	160159	27	41.	7.5	17065	192	2864	637	204	21	33230		54108

Seq No	Locality	N G R	Depth Well	Depth Smpl	Form.		Date	Type	Temp degC	pH	Chemical analysis Na	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
			--- m ---								---------- mg/l ----------								
761528	BOTHAMSALL NO. 2	SK6554 7392	1088	1082	MG	CN	210159	27	42.	7.1	29896	72	8120	1266	115	37	64170		103617
761540	BOTHAMSALL NO. 3	SK6632 7421	996	981	CM	CW	121258	27	40.	7.2	5760	82	968	0	157	177	10860		17924
761541	BOTHAMSALL NO. 3	SK6632 7421	1033	1022	CRS	CA	161258	27	43.	6.8	22283	137	3748	777	139	5	43310		70328
761423	BOTHAMSALL NO. 19	SK6674 7439	1036	1013	CM	CW	190560	27	42.	6.1	31423	149	4660	873	113	4	59640		96804
811085	BOTTESFORD NO. 1	SK7907 3886	988	961	CL	CL	050743	27		8.0	625	106	341	93	123	1481	728		3434
811087	BOTTESFORD NO. 2	SK8043 3740	963	944	MG	CN	280743	27		8.1	848	71	239	66	146	1547	692		3534
811018	BOTTESFORD NO. 3	SK7861039190	780	764	LCM	CA	140843	27		6.9	18440	247	6617	464	53	99	41500		67393
811043	BOTTESFORD NO. 3	SK7861 3919	968	959	KG	CK	190843	27		7.8	3077	144	475	99	150	881	5183		9932
811076	BOTTESFORD NO. 4	SK7859 3881	987	981	CL	CL	221054	27		7.6	959	34	282	70	139	1374	1065		3852
68 125	THE BATH BRADWELL	SK174 820					270369	02	12.4		240	5	162	42		326	420		
75 127	BRITISH GYPSUM NEWRK	SK8120054200	292	245	BN	TS	130375	10	15.2		9	4	46	20		39	11		
68 102	BUXTON SPA	SK057 735					011167	02	27.5	7.5	24	1	58	20		12	39	6.0	
761542	CALOW NO. 1	SK4084 7041	1119	1110	CL	CL	270358	27	46.	7.6	523	13	440	94	132	1401	710		3245
75 129	CASTLE BREWERY NEWRK	SK7980053600	281		BN	TS	140375	10	15.5		9	4	44	21		31	15		
811111	CAUNTON NO. 2	SK73 60	701	680	MGT	CZ	060443	27		8.2	980	106	1325	58	110	930	3089		6542
811112	CAUNTON NO. 3	SK73 60	707	695	MG	CN	080543	27		8.1	4094	251	403	82	95	527	6887		12290
811113	CAUNTON NO. 4	SK73 60	597	585	LCM	CA	120853	09		6.3	9530	140	1644	391	43	286	18640		30652
75 275	CAUNTON PS	SK7388 6000	259	26	BN	TS	240675	10	13.7		7	8	30	37		44	5		
811086	CLAYPOLE NO. 1	SK8451 4934	669	604	CL	CL	130743	27		7.9	2254	91	594	192	146	1181	4207		8590
75 119	BP CORRINGHAM RD	SK832 903	310	280	BN	TS	130275	10	15.9		23	6	129	37		365	11		
761518	CORRINGHAM NO. 2	SK8873 9287	1579	1567	MG	CN	020759	27		6.6	31745	312	6600	895	83	416	63190		103198
811161	CORRINGHAM NO 5	SK8 9			KG	CK				6.6	29502	455	6000	1550	157	835	60340		98759
811168	CORRINGHAM NO 6	SK8 9			SR	CA				5.3	43475	384	18240	2794	33	6	107900		172815
811045	CORRINGHAM NO. 7	SK8962892997	1524	1502	MG	CN	131260	09		7.3	31030	460	5540	1070	146	859	60500		99530
811046	CORRINGHAM NO. 7	SK8962892997	1598	1560	KG	CK	200860	27		6.1	34731	377	6540	1157	154	315	68520		111715
811047	CORRINGHAM NO. 7	SK8962892997	1619	1602	MG	CN	240860	27		5.9	32165	358	6040	1135	212	790	63190		103782
811048	CORRINGHAM NO. 7	SK8962892997	1683	1650	MG	CN	300860	27		6.9	26205	468	4580	841	172	701	50760		83639
811049	CORRINGHAM NO. 7	SK8962892997	1729	1701	MG	CN	030960	27		7.1	32645	390	5940	939	172	889	63190		104077
811061	CORRINGHAM NO. 7	SK8962892997	1805	1799	CL	CL	300960	11		8.1	29343	390	5960	808	48	880	57860		95264
761531	CROPWELL BUTLER NO. 1	SK6813838691	783	774	CM	CW	021158	27	18.		877	8	48	17	805	411	412		2169
761533	CROPWELL BUTLER NO. 1	SK6813838691	790	774	CM	CW	041158	27	37.	8.6	2275	19	74	24	318	204	3302		6054
761532	CROPWELL BUTLER NO. 1	SK6813838691	976	963	CL	CL	161158	27	40.	7.4	893	2	260	131	154	1350	1079		3790
761391	DRAKELOW POWER STTN	SK2440 1998	4190	89	BNP	TS	220752	11		7.7	1086		156	42	204	380	1648	3.3	
811078	EAGLE MOOR NO. 1	SK8875 6819	396	385	BNS	TS	280448	27		7.9	642	25	256	44	165	1827	85		2960
761547	EAGLE MOOR NO. 1	SK8875 6819	1033	1024	LCA	CL	48	27		7.9	3419	75	456	124	239	860	5644		10695
811169	EAKRING NO 8	SK7 6			CRS	CA				7.1	8079	96	792	218	44		14555		
811167	EAKRING NO 30	SK7 6			KG	CK				7.7	2910	51	354	8	110	732	4509		8618
811174	EAKRING N138	SK7 6			LER	CA				7.5	17760	237	2360	427	77		33015		
75 121	BP EGMANTON	SK7540068200	182	151	BN	TS	140275	10	13.9		4	7	31	32		22	6		
811114	EGMANTON NO. 3	SK75 68	992	977	MG	CN	211155	27		7.8	3690	18	880	232	146	512	7420		12823

Seq No	Locality	N G R	Depth Well	Depth Smpl	Form.	Date	Type	Temp degC	pH	Chemical analysis Na	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
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811173	EGMANTON NO 13	SK7 6			WGF CA				6.3	23453	350	6200	947	51	222	50050		81247
811172	EGMANTON NO 17	SK7 6			CRS CA				7.1	20942	166	3220	591	95	62	39770		64797
811091	EGMANTON NO. 20	SK7 6	152	141	BNS TS	101156	27		8.2	389		132	35	51	1105	71		
811092	EGMANTON NO. 20	SK7 6	430	413	LML PU	141156	27		8.3	556		220	150	66	753	1065		
811115	EGMANTON NO. 22	SK7674 6802	993	988	MG CN	171256	27		7.8	2766	31	384	131	110	915	4401		8682
811116	EGMANTON NO. 36	SK75 68	1030	1020	CHG CZ	110557	27		7.7	7887	147	496	102	190	707	12780		22213
75 114	EVERTON P.S NO. 3	SK6935090100	182	27	BN TS	120275	10	10.9		8	3	58	19		25	19		
811002	FARLEYS WOOD	SK7062 7162	856	851	LCM CA	121256	27		6.2	30019	291	6320	8680	22	130	83050		128500
811032	FARLEYS WOOD NO. 1	SK7062 7163	1054	1037	CHG CZ	080143	27		8.4	2534	512	14	41	439	453	3748		7517
811012	FARLEYS WOOD NO. 3	SK7092 7150	1042	1019	LCM CA	030643	27		8.9	18310	795	4351	382	80	111	37453		61441
811014	FARNDON NO. 2	SK7692053110	720	707	RR CY	150148	27		7.5	7175	70	732	178	141	16	12780		21020
68 101	FOUNTAIN BATH ADIT	SK294 584			CL CL	130668	13	19.7		29	1	103	38		192	52	10.8	
811148	GATE BURTON NO. 1 NCB	SK8310 8400	1293	1235	LCM CA	0381	17			41100	250	13100	2110		340	92800	17.5	
811007	GAINSBOROUGH NO. 1	SK8326 9026	290	283	BNS TS	221058	27		7.8	186	3	280	44	88	1037	63		1655
75 118	GAINSBOROUGH NO. 2	SK816 889	458	322	BN TS	130275	10	17.8		18	6	91	35		231	21		
811117	GAINSBOROUGH NO. 2	SK816 989	1569	1535	KG CK	311059	27		7.0	18689	133	2080	371	201	937	32840		55148
75 126	GAINSBOROUGH NO. 3	SK816 189	498	321	BN TS	060375	10	18.1		15	5	63	31		121	18		
811118	GAINSBOROUGH NO. 3	SK816 919	1107	1036	MCM CBCC	241059	10		5.9	26903	226	8600	1340	51	65	60700		97859
811119	GAINSBOROUGH NO. 3	SK816 919	1704	1686	MG CN	241059	27		6.5	28554	176	4128	357	157	780	51830		85902
75 116	GAINSBOROUGH NO. 4	SK818 882	335		BN TS	130275	10	17.9		17	6	75	34		169	20		
811175	GAINSBOROUGH NO. 4	SK818 882			LCM CA				5.7	37797	293	13320	2270	88	21	88740		142484
811120	GAINSBOROUGH NO. 6	SK8 9	1459	1451	MG CN	091260	27		6.8	28604	226	4200	699	113	646	53250		87680
761445	GAINSBOROUGH NO. 57	SK8039 9073	1030	1006	CM CW	070165	27	37.	6.9	25655	371	7720	1464	91	280	57510		93045
75 117	GAINSBORO LEA RD NO1	SK816 889	411	224	BN TS	130275	10	15.2		50	6	500	103		1375	47		
761481	GLENTWORTH NO. 1	SK9312 8806	1103	1085	CM CW	240361	27	44.	6.7	24513	208	4292	790	89	388	47570		77804
761482	GLENTWORTH NO. 1	SK9312 8806	1603	1582	MG CN	280461	27	58.	7.2	22160	306	3232	386	182	922	40465		67560
761483	GLENTWORTH NO. 1	SK9312 8806	1703	1685	MG CN	060561	27	60.	7.2	27586	444	5106	835	212	780	53606		88461
761484	GLENTWORTH NO. 1	SK9312 8806	1738	1726	MG CN	100561	27	60.	7.1	23963	386	3890	693	183	523	45617		75162
761485	GLENTWORTH NO. 1	SK9312 8806	1838	1826	MG CN	160561	27	60.		31998	461	6264	840	256	724	62480		102892
761475	GLENTWORTH NO. 2	SK9287 8724	1668	1648	MG CN	160162	27	56.	6.9	23302	330	3640	564	179	854	43488		72266
761474	GLENTWORTH NO. 3	SK9328 8870	1125	1100	CM CW	301161	27	46.	6.9	25575	295	5080	935	95	720	50766		83417
761471	GLENTWORTH NO. 5	SK9394 8753	1357	1323	CM CW	090262	27	49.		3716	76	924	105	490	3456	4713		13231
761473	GLENTWORTH NO. 5	SK9394 8753	1662	1060	CM CW	220262	27	39.		7005	9	1552	192	329	2718	11786		23424
761472	GLENTWORTH NO. 5	SK9394 8753	1662	1643	MG CN	210262	27	50.	8.0	24252	265	3356	456	208	1092	43868		73391
811089	GRANBY NO. 1	SK7532 3683	908	903	CL CL	080854	27		8.0	946	30	134	46	157	917	1030		3180
71 267	GRANGE NO 2 B/H	SK2366 2318	338		LKS TSTA	190471	10		7.6	475	10	108	33	291	235	1200		2204
761498	GROVE NO. 1	SK7523 8070	1381	1368	MG CN	091160	27	49.	7.7	7172	78	950	164	219	625	12635		21731
761499	GROVE NO. 1	SK7523 8070	1414	1393	MG CN	111160	27	54.	7.3	8589	117	1240	186	113	889	15340		26416
761500	GROVE NO. 1	SK7523 8070	1442	1423	MG CN	141160	27	56.	6.9	8409	78	2020	338	142	362	17325		28601
75 107	GROVE NO. 2 RETFORD	SK7410080350	335	167	BN TS	100275	10	13.2		5	7	30	32		23	6		

Seq No	Locality	N G R	Depth Well	Depth Smpl	Form.		Date	Type	Temp degC	pH	Chemical analysis Na	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
			--- m ---								--- mg/l ---								
75 125	GROVE NO. 3 RETFORD	SK7403080300	335	150	BN	TS	060375	10	12.6		5	8	31	29		25	5		
75 276	HALAM PS NO 1	SK6700 5368	171	75	BN	TS	240675	10	11.3		5	2	18	20		9	7		
811071	HARDSTOFT	SK4434 6238	963	854	CL	CL	021038	10		8.0	308		452	113	307	1195	577		
811020	HARLEQUIN NO. 1	SK6684039810	767	748	CRS	CA	010453	27		7.4	7580	77	902	203	77	136	13845		22780
761520	HIGH MARNHAM NO. 1	SK8093 7028	1069	1063	MG	CN	090359	27	43.	7.3	5607	39	320	74	263	267	9016		15452
761521	HIGH MARNHAM NO. 1	SK8093 7028	1085	1075	MG	CN	100359	27		7.4	3983	26	414	96	201	711	6460		11788
761522	HIGH MARNHAM NO. 1	SK8093 7028	1156	1139	CL	CL	150359	27	49.	7.5	4029	13	964	231	216	855	7773		13971
811006	HOCKERTON NO. 2	SK6959 5808	700	693	LCM	CA	060748	27		7.9	5940	37	454	107	146	49	10118		16776
811029	HOCKERTON NO. 2	SK6959058080	732	717	RR	CY	090748	27		8.1	4797	54	340	68	201	41	8023		13421
811030	HOCKERTON NO. 2	SK6959058080	764	758	MG	CN	180748	27		8.1	2591	34	84	35	318	379	3692		6971
811031	HOCKERTON NO. 2	SK6959058080	899	894			240848	27		7.5	1663	48	332	144	395	247	3053		5681
82 147	HUNTS BRIDGE	SK839 666	636	621	UCM	CCCD	250182	27			4240	57	1340	440		1210	9400	5.2	
811163	IRONVILLE NO 1	SK4 5			MG	CN					6733	62	264	112	371	12	10931		18296
811072	IRONVILLE NO. 3	SK4324 5231	836	821	CL	CL	021156	27		8.0	1739	18	1739	44	146	905	2272		6788
761537	IRONVILLE NO. 4	SK4316 5190	380	362	MG	CN	090758	27	27.	8.0	6075	25	126	12	666	64	8946		15575
811033	KIRKLINGTON NO. 1	SK6929 5631	755	734	ASG	CZ	161048	27		7.9	1716	40	108	35	329	41	2628		4729
811034	KIRKLINGTON NO. 1	SK6929 5631	799	772	KG	CK	201048	27		7.9	2593	50	168	46	252	57	4190		7227
811083	KIRKLINGTON NO. 1	SK6929 5631	852	840	CL	CL	261048	27		8.3	2091	48	132	46	289	124	3266		5849
761543	LANGAR NO. 1	SK7190 3550	884	877	MG	CN	271157	27	35.	7.7	839	26	264	79	300	845	1100		3300
761544	LANGAR NO. 1	SK7190 3550	986	957	CL	CL	141257	27	38.	8.5	865	39	484	120	165	1592	1243		4424
761538	LANGAR NO. 2	SK7165435745	826	811	CM	CW	180358	27	38.	7.6	2924	37	496	55	121	905	4792		9268
761539	LANGAR NO. 2	SK7165435745	883	871	MG	CN	260358	27	34.	7.9	763	45	400	104	205	1263	1100		3776
811042	LANGAR NO. 4	SK7215 3535	882	874	MG	CN	070658	27		7.8	1276	10	210	12	165	1382	1207		4178
811094	LONG BENNINGTON NO. 1	SK806 459	233	258	KS	TSTA	060544	27		7.5	665	158	489	133	84	2451	461		4398
811095	LONG BENNINGTON NO. 1	SK806 459	308	287	BNS	TS	100544	27		7.9	502	135	437	83	102	1086	1030		3323
761546	MANSFIELD NO. 1	SK5550 5905	1368	1329	CL	CL	230250	27	53.	7.3	438	25	550	59	91	1490	656		3262
811037	MAPLEBECK NO. 1	SK7058 6010	830	816	MG	CN	230245	27		8.1	1758	135	201	87	110	922	2698		5855
75 123	MARKHAM CLINTON NO 1	SK7110072700	230	65	BN	TS	100375	10	12.2		4	5	18	25		15	7		
761392	MARMITE BURTON-TRENT	SK2440 2293	228		BNS	TS	270434	07			247	2	107	29		315	248	2.9	
761393	MARMITE BURTON-TRENT	SK2444 2294	274		BNS	TS	270434	07			942	9	200	57		280	1725	7.5	
71 275	MARSTON NO 1	SK2305 2338	304			T	210671	10			235	8	200	31	329	273	263		1171
68 131	MATLOCK BATH HOTEL	SK293 579					210469	02	19.8		30	1	105	32		150	57		
68 126	MATLOCK SPRING	SK294 582					210469	02	17.4		24	1	100	40		125	46		
761440	MORTON NO. 1	SK7932 9241	1675	1524	MG	CN	080765	27	52.	7.1	28185	442	3560	576	190	688	51120		84663
761439	MORTON NO. 1	SK7932 9241	1675	1558	MG	CN	070765	27	53.	8.1	6025	193	560	120	516	489	9940		17581
75 109	NEWTON NO. 2 BH	SK8261074250	430	247	BN	TS	110275	10	17.8		10	4	50	25		75	9		
75 110	NEWTON NO. 3 BH	SK8208073860	411	251	BN	TS	110275	10	17.3		9	5	47	25		75	10		
811017	NORMANTON NO. 3	SK7163054850	736	708	CRS	CA	161244	11		7.9	3262	203	120	41	230		5325		
811015	NORMANTON NO. 4	SK7220054430	637	618	LCM	CA	120245	11		8.0	3312	270	142	44	150	74	5538		9453
811038	NORMANTON NO. 4	SK7220 5443	721	713	CHG	CZ	030345	27		8.1	3810	327	170	37	165	337	6177		10939

Seq No	Locality	N G R	Depth Well	Depth Smpl	Form.		Date	Type	Temp	pH	Chemical analysis Na	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
			--- m ---						degC		--- mg/l ---								
811041	NORMANTON NO.4	SK7220 5443	904	882	CL	CL	311244	27		8.1	1794	181	253	81	157	988	2876		6250
811040	NORTH COLLINGHAM	SK84 62		809	MCM	CW	1081	17			12680	106	2370	498		303	22110	4.2	
75 277	OMPTON PS NO 2	SK6777 6483	183	51	BN	TS	250675	10	10.5		11	2	32	21			34		
75 124	ORDSALL NO 1 RETFORD	SK6955080160	198	9	BN	TS	050375	10	10.7		10	3	37	17		37	21		
811121	PLUNGAR NO.1	SK7720 3347	382	351	BNS	TS	300853	27		7.5	636	51	538	65	77	2646	142		4115
811122	PLUNGAR NO.1	SK7720 3347	865	857	LCM	CA	270953	27		7.3	6696	65	1628	221	99	436	13490		22584
811088	PLUNGAR NO.1	SK7720 3347	938	928	MG	CN	191053	27		7.9	1086	35	420	107	146	1555	1473		4747
811075	PLUNGAR NO.2	SK77 33	928	920	CL	CL	090454	10		7.7	690	23	484	99	66	1494	1065		3887
811068	PLUNGAR NO.4	SK7 3	924	918	CL	CL	220654	27		7.9	981	8	276	67	245	1221	1065		3738
811170	PLUNGAR NO 4	SK7 3	832	827	CRS	CA				7.8	7900	31	822	556	132	342	14910		24625
811123	PLUNGAR NO.7	SK7 3	893	881	MG	CN	191254	27		7.8	2261	48	232	55	157	1020	3195		6888
811165	PLUNGAR NO 12	SK7 3			KG	CK				8.1	1924	14	210	48	155	1160	2485		5917
75 112	RAMPTON HOSPITAL	SK7760077600	306	182	BN	TS	120275	10	14.4		7	5	37	23		54	6		
761427	RANSKILL NO.1	SK6423 8814	1341	1263	CM	CW	240565	27	47.6	8.4	2048	13	47	59	698	325	2364		5200
761470	REDMILE NO.1	SK8087 3340	936	893	MG	CN	090862	27	38.	7.4	2792	51	868	172	148	1206	5358		10519
761469	REDMILE NO.1	SK8087 3340	936	902	MG	CN	080662	27	38.	7.4	1819	21	420	91	219	912	2946		6316
761468	REDMILE NO.1	SK8087 3340	936	926	CL	CL	070662	27	35.	7.8	1229	8	178	57	226	1139	1324		4046
811008	ROLLESTON G2	SK7492051140	527	525	LCM	CA	070542	27		8.0	6618	409	520	249	146	80	12430		20377
811044	ROLLESTON NO.2	SK7492 5114	662	651	MG	CN	310843	27		8.1	3526	141	221	63	386	58	5751		9949
811058	SOUTH LEVERTON NO.1	SK7933 8040	1269	1262	LCM	CA	150161	27		7.2	9145	112	1130	149	135	495	16150		27247
761501	SOUTH LEVERTON NO.1	SK7933 8040	1298	1277	MG	CN	100860	27	58.	7.5	9526	81	1100	164	197	666	16510		28143
761502	SOUTH LEVERTON NO.1	SK7933 8040	1335	1317	MG	CN	140960	27	53.		4365	28	250	65	457	568	6530		12030
761503	SOUTH LEVERTON NO.1	SK7933 8040	1555	1503	CL	CL	080960	27	60.	7.3	15276	156	3430	535	175	1119	30360		50962
75 111	SOUTH SCARLE	SK8558065050	353	292	BN	TS	110275	10	20.4		13	5	61	24		102	8		
811063	SPITAL NO.1	SK9654 9115	1705	1700	CL	CL	310844	27		7.1	30837	958	3712	2105	106	963	60350		98977
68 103	STONEY MIDDLETON	SK231 755					251067	02	17.7		61	2	92	29		100	110	4.2	
811027	SUTTON-ON-TRENT NO.3	SK7912 6378	950	942	MG	CN	251056	27		7.5	4983	46	392	65	205	535	8022		14143
811077	SUTTON-ON-TRENT NO.3	SK7912 6378	1026	1014	CL	CL	061156	27		7.8	2112	15	760	205	154	1290	4119		8576
811000	TICKHILL NO.1	SK5773 9297	1311	1300	LCM	CA	240558	27		5.8	57620	239	22120	2615	14	8	136000		218608
761466	TORKSEY NO.1	SK8520 7868	1403	1374	CM	CW	181162	27	52.6	6.9	22869	291	5320	600	135	46	46505		75697
761467	TORKSEY NO.1	SK8520 7868	1701	1622	CL	CL	020163	27	55.	7.7	11387	225	2400	264	58	947	22010		37261
811053	TORKSEY NO.2	SK8591 7766	776	755	UCM	CCCD	130263	27		7.8	8722	111	1080	228	172	1892	14555		26672
811054	TORKSEY NO.2	SK8591 7766	1325	1305	GR	CA	060363	27		7.2	18779	181	4800	744	165	278	39405		64268
811055	TORKSEY NO.2	SK8591 7766	1427	1412	CRS	CA	280263	27		6.4	34569	315	9460	1378	77	12	74195		119966
811145	TORKSEY NO.4	SK8506579222	1463	1435	CRS	CA	251075	27		11.0	13297	91	65	18	8039	2399	14300		34125
811146	TORKSEY NO.4	SK8506579222	1463	1435	CRS	CA	251075	27		7.4	13981	185	310	100	8100	2506	16000		37067
811144	TORKSEY NO.4	SK8506579222	1513	1465	MG	CN	310575	27		9.7	11453	260	60	6	4537	1996	13900		29907
811143	TORKSEY NO.4	SK8506579222	1513	1465	MG	CN	310575	27		10.1	10500	158	75	7	5116	1905	12100		27262
811001	TUXFORD NO.1	SK7219070500	997	975	LCM	CA	170956	27		11.4	20857	585	7360	116	117	297	46500		75772
811028	TUXFORD NO.1	SK7219 7050	1173	1149			170756	27		7.8	3879	49	441	538	219	488	7810		13312

Seq No	Locality	N G R	Depth Well m	Depth Smpl m	Form.		Date	Type	Temp degC	pH	Chemical analysis Na mg/l	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
761519	WALKERINGHAM NO. 1	SK7555 9190	1700	1664	MG	CN	200459	27	54.	5.8	32612	377	11960	1179	77	24	72250		118439
761458	WALKERINGHAM NO. 2	SK7583 9091	1704	1689	MG	CN	120164	27	53.	6.5	39285	351	10320	1272	80	50	82715		134032
811009	WEST DRAYTON NO. 2	SK6986 7404	938	933	LCM	CA	130454	27		8.1	4067	14	444	110	267	49	7100		11915
811011	WEST DRAYTON NO. 2	SK6986 7404	1128	1109	CRS	CA	100554	27		7.8	11770	141	1496	320	190	60	21650		35530
75 122	WHISKER HILL RETFORD	SK6917080030	182	9	BN	TS	060375	10	10.9		7	2	33	16		23	21		
811019	WIDMERPOOL NO. 1	SK6366029580	634	602	RR	CY	240145	27		7.9	5176	226	750	256	574	1119	8875		16684
811016	WINKBURN NO. 1	SK7 5	752	736	CRS	CA	030844	27		7.9	5290	316	575	156	36		9940		
811041	WOODHOUSE	SK583 633		1041	MCM	CBCC		17			54460	422	12340	1960			111000	13.4	
811147	WYKEHAM NO. 1	SK9238087344	1045	1028	BNS	TS	250871	27		6.6	63039		3777	571	158	6256	102636		
811021	WYSALL NO. 1	SK6024 2760	443	433	RR	CY	160848	27		7.9	4065	28	380	151	256	4164	4083		12996
811022	WYSALL NO. 3	SK6044026750	408	392	RR	CY	181048	27		7.6	5259	110	766	205	168	2980	7810		17212
771097	AMMANFORD WIGAN SEAM	SN6350 1100		307	CM	CW	310574	13		8.5	360	20	2	1	683	8	60		787
771112	BRYNLLIW	SN6109501050		262	CM	CW	110475	13		8.1	121	11	2	4	302	85	16		387
771102	CWMGWILI STANLLYD SM	SN5761009980		204	CM	CW	140574	13		8.7	490	35	5	3	1278	5	24		1190
67 110	LLANWRTYD WELLS	SN880 460					93	02			341	13	84	3	34	8	670	8.9	1154
771103	CYNHEIDRE 4+U6 SEAMS	SN4906006232		602	CM	CW	220474	13		9.1	950	30	5	2	1732	33	428		2300
771106	MARDY (GORLLWYN)	SN9962501761		274	CM	CW	090574	13		8.9	132	6	2	1	302	5	12		306
771110	TREFORGAN (RED VEIN)	SN7807605350		420	CM	CW	060974	13		8.5	315	10	3	1	693	4	32		705
761290	ALTON BREWERY ROSS	SO6010 2431	104				0836	07		7.3	9	6	80	24	118	25	19	1.6	225
761300	BEANS IND LTD TIPTON	SO9480 9270	90				0342	07			81		214	91	274	556	39	3.7	
771113	BLAENSERCHAN (GARW)	SO2435002130		318	CM	CW	73	13		7.8	22	5	19	11	146	6	28		162
761373	COPLEY B/H STAFFS	SO8380 9877	320		LMS	PUTS	190661	07			141	4	71	21	104	33	264		585
71 519	COPLEY B/H STAFFS	SO8380 9877	320		LMS	PUTS	241171	10	11.0		115	6	71	19		46	200		
761295	G.W.R.STOURBRIDGE	SO907 848	276			P	270820	07			94		380	378	1280	35	130		
71 488	HILTON P/S NO 1	SO777 959	214		LMS	PUTS	031171	10	12.6		22	6	67	29		50	55		
79 478	KEMPSEY NO. 1 WORCS.	SO8609049334		936	LKS	TSTA	300779	27			1800	80	340	90		820	2840	24.	
79 195	KEMPSEY NO. 1 WORCS.	SO8609049334				P	020679	17		7.7	7500	170	1800	390	66	1620	14600	6.2	26125
67 176	LLANDRINDOD WELLS	SO06 61						08			930	1	312	9	166	4	1875	34.0	3285
67 177	LLANDRINDOD WELLS	SO06 61						08			461	7	169	61	78		1137	11.7	
67 180	LLANDRINDOD WELLS	SO06 61						07			1352	10	458	176	3		3377	59.0	
761292	LONGMORE HILL ASTLEY	SO8035 6875	138				131153	07		7.4	6		53	29	97	32	32	5.6	
761296	L PENN WWKS WOMBOURN	SO8586 9592	211		BNP	TS	0822	07			24	10	78	17	122	80	27	4.0	304
761297	L PENN WWKS WOMBOURN	SO8586 9592	5312		BNP	TS	0927	07			9	3	75	10	93	9	14	4.0	174
771107	MARINE (OLD COAL)	SO1993001710		620	CM	CW	060674	13		8.4	590	50	11	11	1420	12	32		1404
771115	MARINE (UPPER 9FT)	SO1976002820		355	CM	CW	73	13		8.3	650	90	29	15	1012	16	42		1339
761302	NORTON STOURBRIDGE	SO892 826	243		BNS	TS	040266	10		7.5	8	2	55	2	42	39	17	6.5	157
761293	RED HILL BORE UPTON	SO8340 4040	487		LKS	TSTA	031011	07			354	28	75	19		667	191	8.1	
761294	RED HILL BORE UPTON	SO8340 4040	518		LKS	TSTA	300413	07	18.8		359	1	54	15		519	197	8.7	

Seq No	Locality	N G R	Depth Well	Depth Smpl	Form.		Date	Type	Temp degC	pH	Chemical analysis Na	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
			--- m ---								--- mg/l ---								
771117	ROSE HEYWORTH (GARW)	SO2299003200		431	CM	CW	73	13		8.1	170	32	16	33	598	74	20		639
71 496	ROUGHTON B/H STAFFS	SO751 945	176		LMS	PUTS	051171	10	10.9		11	3	83	9		72	18		
771118	SIX BELLS (OLD COAL)	SO2021701305		600	CM	CW	73	13		7.1	72	33	36	21	251	123	11		419
761289	ST ANNES LYDNEY	SO575 027	182		TSG	DACT	290950	07		7.8	22		38	23	128	13	9	4.2	
71 493	STABLEFORD NO 1	SO764 981	274		LMS	PUTS	041171	10	13.8		220	6	142	20		54	450		
761395	BIRMINGHAM RACECOURS	SP1282 8972	306				030462	07		8.1	21	2	53	15	64	123	8	8.4	272
761013	BRWRY NO 7 SMETHWICK	SP0323 8705	203				0349	07					24	4		8	16		
82 724	CHACOMBE BANBURY	SP489 446		670	CM	CW		17			13200	127	4800	615	28	500	30500		49755
83 614	GREAT BURTON	SP465 458			UCM	CCCD				7.5	6050	66	2480	314	169	528	15000	6.8	24535
761477	STOW ON THE WOLD 1	SP1924 2374	365	321	KM	T	051061	07		7.7	337	3	122	20	44	822	148		1474
771100	COEGNANT (BUTE SEAM)	SS8459994012		606	CM	CW	161073	13		8.8	540	29	1	4	1000	76	100		1242
771105	FFALDAU (GDG)	SS8954593400		477	CM	CW	151073	13		8.3	520	39	1	3	815	48	184		1195
771111	WYNDHAM/WESTERN	SS9521090980		602	CM	CW	181073	13		8.6	830	57	2	16	1901	22	140		2002
761283	ALDRLY P/S MNKS MILL	ST770 913					050159	02		7.3	10	3	123	9	164	64	18	6.5	321
67 101	BATHEASTON SHAFT	ST780 678	102				61	07			476	28	261	65	161	938	964	3.7	2819
67 156	BATH KINGS SPRING	ST7486 6473			CL	CL	0559	26	48.0	7.1	174	16	391	53	216	1021	275	20.6	2080
771098	BEDWAS YARD&7 SEAM	ST1909 8863		623	CM	CW	190374	13		8.0	270	10	5	2	556	27	36		623
761284	BLAISE NO 1 HENBURY	ST5540 7845	415		CL	CL	0535	10		7.2	20	2	90	14	156	43	24	4.3	279
771099	BRITANNIA 7FT SEAM	ST1588398226		678	CM	CW	221074	13		9.2	800	93	3	16	2000	65	34		1995
771101	CWM COEDELY YARD SM.	ST0535087900		650	CM	CW	040774	13		8.8	920	30	5	5	2366	10	56		2190
771104	DEEP DUFFRYN 5GDG SM	ST0324098562		587	CM	CW	091073	13		9.0	1550	70	10	4	3264	20	150		3409
761285	FRAMPTON P/S	ST670 819	112		CM	CW	040149	10		7.4	69		65	21	176	66	29	6.5	
761286	FRAMPTON P/S	ST670 819	112		CM	CW	050159	10		7.5	72	8	63	21	186	69	26	6.5	365
771114	GLYNTILLERY BRITHDIR	ST2558596882		205	CM	CW	73	13		8.1	6	3	60	23	256	61	10		288
771108	OAKDALE (YARD&7FT)	ST1885497922		760	CM	CW	311073	13		8.5	260	36	4	4	610	23	20		647
771109	PENRIKYBER 7FT	ST0636597330		572	CM	CW	261073	13		8.8	960	43	6	3	2410	16	72		2285
761288	SHIPTON MOYNE	ST899 885	135		ULI	JT	140414	07			47		116	15	203	85	19		
761287	SHIPTON MOYNE B/H 3	ST899 885	135		ULI	JT	040816	07			83		72	8	158	51	56		
761382	AGWI PETROL FAWLEY	SU4603 0359	179		LC	GY	070940	07		7.6	49		28	8	67	50	35	2.8	
761016	AGWI PETROL FAWLEY	SU4580 0401	167		LC	GY	0940	11		7.6	48		27	7	134	48	32	2.3	
761017	AGWI PETROL FAWLEY	SU4580 0401	167		LC	GY	0235	07		8.0	18.	5	30	1		38	33	3.6	
771083	BOXALLS LANE NO.16	SU8619 4930	459	400	FO	KPKA	120176	10	25.	7.9	88	6	9	2	145	15	67	4.7	268
761388	BRICKWOODS BREWERY	SU6325 0049	214		CK	KU	0399	07			337		75	35	121	162	493		
761398	CHIEVELEY NEWBURY	SU4765 7518	132		LCK	KE	011057	07			30		115	0	188	7	13		
761397	DIDCOT ORDNNC DPT	SU5109 9148	105		OXC	JCJO	200616	07			2861		283	205	122	1595	5720	25.7	
761381	EXBURY HANTS	SU4265 0011	267		BGS	GE	1030	07		7.8	24		44	11	73	50	25	4.6	

Seq No	Locality	N G R	Depth Well	Depth Smpl	Form.	Date	Type	Temp degC	pH	Chemical analysis Na	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
			--- m ---							---------- mg/l ----------								
73 478	FAIRCROSS B/H	SU6972063230		171	UCK KTKM	080873	17	13.5		676	20	38	36			1026		
73 561	FAIRCROSS B/H	SU6972063230		259	MCK KT	230873	17	15.5		1770	24	83	34					
73 589	FAIRCROSS B/H	SU6972063230		282	LCK KE	050873	17	16.5		1960	36	74	46					
73 608	FAIRCROSS B/H	SU6972 6323	328	8328	UGS KA	200973	17	17.0		2680	350	103	61					
761523	FORDINGBRIDGE NO. 1	SU1875 1181	237	208	CK KU	241058	27	19.6	8.8	510	4	62	19	636	115	255		1278
761524	FORDINGBRIDGE NO. 1	SU1875 1181	798	772	CR JO	131158	27		7.7	7295	11	341	141	179	17	12100		19993
761525	FORDINGBRIDGE NO. 1	SU1875 1181	1118	1069	INO JB	241158	27		7.5	21190	103	1672	350	143	495	36275		60154
771081	GRAMPS HILL	SU371 841	187	150	UGS KA	120275	10		9.4	114	4	8	0		44	13	14.1	
771085	GREATHAM NO. 2	SU779 296	165	66	HY KP	050776	10		7.7	6	3	55	3	183	9	11	7.4	192
761399	FOGNAM FM LAMBOURNE	SU2966 8020	120		UGS KA	310367	07		7.3	56	3	71	2		16	25	7.9	
83 823	MARCHWOOD NO. 1	SU3991 1118	2609	532	LCK KE		17	25.0	8.1	1052	18	32	17	168	114	1615	1.4	2934
83 824	MARCHWOOD NO. 1	SU3991 1118	2609	626	UGS KA		17	30.	7.7	1916	32	80	14	88	123	3140	1.0	5350
791012	MARCHWOOD NO. 1	SU400 111	2609	687	LGS KPKA		17	30.0		2800	45	145	24	109	230	4700	0.5	7999
791014	MARCHWOOD NO. 1	SU3991 1118	2609	820	CO JN		17	40.		2300	17	500	74		168	8200		
83 825	MARCHWOOD NO. 1	SU3991 1118	2609	1180	BDS JTJB		17	50.0		24540	212	2097	450	67	1040	38110	0.6	66483
81 923	MARCHWOOD TEST	SU3991 1118	2593	1668	BNS TS	030581	10	72.5		33240	582	3670	658		1400	63815	15.5	
771086	OAKHANGER NO. 4	SU767 356	176	105	HY KP	041175	10		7.8	7	3	40	5	142	9	9	4.5	152
761377	OTTERBOURNE STHMPTN	SU4668 2240	121		CK KU	230959	07		7.2	6		88	4	128	37	15		
761378	OTTERBOURNE STHMPTN	SU4668 2240	135		CK KU	140859	07		7.2	6		89	3	135	2	14		
761380	OTTERBOURNE STHMPTN	SU4668 2240	152		CK KU	111159	07		7.2	9		94	4	142	7	16		
761375	OTTERBOURNE STHMPTN	SU4668 2240	369		CK KU	0399	07			1		100	150	134	5	15	15.4	
761376	OTTERBOURNE STHMPTN	SU4668 2240	369		CK KU	161259	07		7.1	17		94	2	139	5	28		
761549	PORTSDOWN NO. 2	SU6394 0739	870	533	LGS KPKA	020348	27		8.3	285	22	22	6	205	189	177		802
761550	PORTSDOWN NO. 2	SU6394 0739	870	665	W KVKB	100348	27		8.5	886	22	14	4	356	148	1065		2314
761551	PORTSDOWN NO. 2	SU6394 0739	870	759	W KVKB	160348	27		7.9	2548	45	144	17	183	74	4047		6965
761552	PORTSDOWN NO. 2	SU6394 0739	870	804	BNP JVKZ	190348	27		7.9	4868	54	372	157	139	502	8165		14186
761553	PORTSDOWN NO. 2	SU6394 0739	870	865	PL JP	260348	27		7.7	4549	96	320	62	355	8511	1208		14920
771080	RIDGEWAY DOWN	SU428 845	168	155	UGS KA	171074	10	11.0	9.9	108.	5	2	0	390	17	7	13.3	359
771082	SANDPOOL FARM	SU012 943	165		INO JB	250773	10	12.0	7.8	101	2	31	7	262	28	71	3.3	375
761534	SHALFORD NO 1	SU9821 4679	838	826	PLS JP	0558	27	35.	6.6	37260	184	6280	1157	234	539	71355		116890
761535	SHALFORD NO. 1	SU9821 4679	1280	1258	CR JO	170658	27	52.		29893	101	3572	1348	168	3226	54100		92322
79 166	SHREWTON BRIDPORT 2	SU032 418		1191	LI JHJT	230179	17			24200	260	4540	1280		380	49500	1.6	
771079	SLOUGH ESTATES NO. 11	SU9506 8194	332		LGS KPKA	050274	10		8.1	112	4	22	3	262	39	45	3.3	361
83 827	SOUTHAMPTON WEST ESP	SU4155912018	1826	1725	BNS TS	0283	10	74.9	6.1	41300	705	4240	752		1230	75800	17.8	
761383	STANBRIDGE MILL BH 3	SU010 089	152		UCK KTKM	271065	07		7.3	8	1	75	1	114	6	16	3.7	171
761396	SWINDON G.W.R.	SU1416 8507	224		FMB JN	0285	07	17.7		10025	121	967	347	89	12	18216		29732
771087	TILFORD NO. 1	SU872 408	150		HY KP	160876	10		7.8	6	2	48	1	145	8	12	5.3	160
771088	TILFORD NO. 2	SU872 408	173	82	HY KP	250571	10		7.4	7	2	47	3	140	7	11	4.5	155
771084	TONGHAM NO. 2	SU8836 4942	462	400	FO KPKA	071074	10	25.	8.0	90	6	10	2	148	14	71	4.6	275
761514	WINCHESTER NO. 1	SU5034 2849	1347	1246	GOG JN	020260	27	48.	6.5	21470	161	3408	681	154	239	41000		67034

Seq No	Locality	N G R	Depth Well m	Depth Smpl m	Form.	Date	Type	Temp degC	pH	Chemical analysis Na mg/l	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
761515	WINCHESTER NO. 1	SU5034 2849	1399	1369	INO JB	080260	27		7.3	5695	39	496	48	756	239	9228		16116
761401	WOODS FM STREATLEY	SU5835 7952	91		CK KU	171069	07	10.7	7.0	4	2	101	1			11	4.6	
771089	WOODGARSTON NO. 2	SU588 552	180	90	UMCKKTKM	120776	10		7.3	6	1	104	1	290	7	12	5.9	287
761385	YARBROOK LAVANT BH 1	SU8542 0978	121		MCK KT	280863	07		7.2	11	1	102	2	131	12	32	4.7	234
761386	YARBROOK LAVANT BH 2	SU8563 0962	121		MCK KT	141063	07		7.2	12	1	97	6	137	10	32	3.7	233
761387	YARBROOK LAVANT BH 3	SU8554 0967	121		MCK KT	141063	07		7.4	10	1	96	4	140	8	22	3.7	217
81 218	YARNBURY NO. 1	SU0336 4105	1680	1085	MLI JEJT	221180	27		7.1	20600	186	3800	1030	86	358	43000	4.3	69025
761005	PENDRVES MN CAMBORNE	SW647 383		231		1269	13	19.	7.8	3	4	100	8	4	3	3	20.	166
761006	PENDRVES MN CAMBORNE	SW647 383				1269	13	19.	8.0	30	5	95	7	30	25	30	14.	237
761007	PENDRVES MN CAMBORNE	SW647 383				1269	13	19.	8.0	20	5	85	6	35	20	30	22.	230
761000	S CROFTY MN CAMBORNE	SW666 413		565		1269	13	42.	7.1	1220	60	675	37	110	90	3340	15.	5508
761001	S CROFTY MN CAMBORNE	SW666 413		611		1269	13	30.	6.8	280	20	305	49	20	160	1100	10.	1945
761002	S CROFTY MN CAMBORNE	SW666 413		611		1269	13	38.	7.8	620	30	320	28	60	80	1680	13.	2816
761003	S CROFTY MN CAMBORNE	SW666 413		611		1269	13	32.	7.8	120	10	150	14	70	100	265	10.	715
761004	S CROFTY MN CAMBORNE	SW666 413		693		1269	13	41.	7.3	3800	180	2440	76	30	125	10830	16.	17500
761008	WHEAL JANE ST DAY	SW771 427		106		1269	13	16.	3.9	20	2	85	8		70	30	5.	
761009	WHEAL JANE ST DAY	SW771 427				1269	13	16.	3.0	950	55	535	28		110	2790	9.	
761513	BERE REGIS NO. 1	SY8642 9562	933	908	BDS JTJP	130659	27	45.	7.3	30610	97	1440	589	106	44	51470		84302
761441	ENCOMBE NO. 1	SY9412 7831	872	833	KLB JC	140465	27		8.0	11441	61	272	129	468	463	17750		30346
761442	ENCOMBE NO. 1	SY9412 7831	610	580	CR JO	070465	27	29.	7.5	33007	179	1400	1464	230	52	57510		93725
761495	KIMMERIDGE NO. 2	SY9120 7910	586	545	KLB JC	140860	27	28.	7.4	14533	114	770	294	237	518	24140		40485
761496	KIMMERIDGE NO. 2	SY9120 7910	607	598	KLB JC	0860	27	37.	7.1	17229	390	800	218	322	580	28250		47625
761497	KIMMERIDGE NO. 2	SY9120 7910	643	625	CB JNJC	070960	27	36.		23573	78	2070	360	77	366	40820		67304
761506	KIMMERIDGE NO. 3	SY8978 7895	592	576	FMB JN	241159	27	34.		7704	10	296	122	271	1078	11715		21058
761507	KIMMERIDGE NO. 3	SY8978 7895	890	881	INO JB	181259	27	48.	5.7	40515	286	7680	1747	146	497	80940		131736
761508	KIMMERIDGE NO. 3	SY8978 7895	905	902	INO JB	010160	27	49.	7.0	32240	195	5600	1048	88	510	62470		102106
761509	KIMMERIDGE NO. 3	SY8978 7895	936	915	BDS JTJB	260260	27		7.0	27823	163	4220	829	55	499	52540		86101
761510	KIMMERIDGE NO. 3	SY8978 7895	966	914	BDS JTJB	290260	27		9.2	38891	224	7160	1530	66	433	77030		125300
761511	KIMMERIDGE NO. 3	SY8978 7895	981	969	BDS JTJB	150360	27		6.6	32654	206	5540	829	51	412	62470		102136
761512	KIMMERIDGE NO. 3	SY8978 7895	1043	1021	BDS JTJB	210360	27		6.0	44475	280	8480	1572	80	584	88040		143470
761431	LANGTON HERRING NO. 1	SY6063 8171	293	263	BDS JTJB	270159	27	20.	7.7	23585	157	1356	875	219	116	41190		67386
761457	LULWORTH BANKS NO. 1	SY7850 7710	762	762	BDS JTJB	221063	27		7.7	31435	249	3134	1519	278	1594	57445		95512
761446	WAREHAM NO. 1	SY9091 8782	865	850	BDS JTJB	64	27	34.7	7.0	34029	175	1640	768	78	688	57155		94493
761447	WAREHAM NO. 1	SY9091 8782	1216	1200	LI JHJT	011164	27	48.7	7.1	33377	284	2200	540	131	1754	55755		93974
761448	WAREHAM NO. 1	SY9091 8782	1746	1659	BN TS	111164	27		6.8	75474	992	3720	696	62	1540	124605		207057
761443	WAREHAM NO. 2	SY9093 8834	896	886	BDS JTJB	310165	27	36.	7.2	35317	228	1740	672	91	874	58930		97805
761444	WAREHAM NO. 2	SY9093 8834	1291	1247	RH TR	050265	27	55.	7.1	38999	328	2480	648	109	2164	64965		109637
77 119	WINTERBORNE KINGSTON	SY8470 9790		3	BDS JTJB	170177	17	40.0	7.1	24800	107	1020	380		1000	38300		

Seq No	Locality	N G R	Depth Well m	Depth Smpl m	Form.	Date	Type	Temp degC	pH	Chemical analysis Na mg/l	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
83 826	WINTERBORNE KINGSTON	SY8470 9790	3043	2297	BNS TS	070377	27	85.0		112800	1700	3160	490	90	2000	179500	9.6	299714
67 165	SANDROCK I.O.W.	SZ500 750				82	02			208	19	293	89		6381	150	43.0	
811093	FORDON NO. 1	TA0582 7570	1743	1729	LML PU	050756	27		7.2	54930	1267	5500	635	73	2230	94060		158657
811026	FORDON NO. 1	TA0582 7570	2288	2266	MG CN	200856	27		6.9	104100	2240	6620	976	73	913	176500		291384
811138	FORDON NO. 2	TA0689073604	2339	2242	MG CN	301074	27		6.2	82080	1320	18160	2350	223	870	165900		270789
761178	HUNMANBY NO 1 YORKS	TA1301 7588	2248	1168	BN TS	0673	27	50.	5.3	73707		18266	0			146181		
761177	HUNMANBY NO 1 YORKS	TA1301 7588	2248	2219	CN	0673	27	73.	5.7	59539		8052	0			106209		
761175	HUNMANBY NO 1 YORKS	TA1301 7588	2248			0673	27		7.9	88881		4069	0			144466		
811142	RISBY NO. 1	TA0105735778	1289	1246	MMGLPU	281172	27		6.9	69635	7900	18500	3908	149	593	158213		258822
761459	TETNEY LOCK NO. 1	TA3318 0093	1865	1814	BPSTP	160763	27	61.	8.4	33119	335	5900	396	98	1447	61770		103015
761432	BARDNEY NO. 1	TF1192 6862	1558	150	CL CL	200866	27	56.	7.2	10068	299	1800	384	223	956	19170		32786
811070	BLANKNEY NO. 2	TF0457 6085	922	909	CL CL	140943	27		7.9	3068	192	644	84	66	3321	1757		9098
811062	BLANKNEY NO. 2	TF0457 6085	937	934	CL CL	011043	27		8.1	2842	350	762	252	234	815	5982		11118
761476	GLINTON NO. 1	TF1502 0526	369	317	LI JHJT	071061	27	24.	8.3	1935	14	218	86	138	1783	2185		6289
811139	HELPRINGHAM NO. 1	TF1753038840	594	577	BNS TS		27		6.7	2760	70	1390	310	10	2000	6000		12534
811152	NETTLETON	TF1184796420	1350	1269	UML PU		27		11.3	46597		3920	122	113	1504	77997		
811005	NOCTON NO. 2	TF0211065230	930	925	MG CN	281143	27		8.2	3208	113	670	239	219	13	5609		9959
811081	NOCTON NO. 2	TF0211 6523	957	954	CL CL	140144	10		7.3	3070	158	534	159	190	107	6035		10156
811080	NOCTON NO. 4	TF0 6	967	959	CL CL	070144	27		8.3	2915	406	656	224	260	65	6462		10856
811082	NOCTON SOUTH NO. 1	TF0297 6396	941	936	CL CL	050444	27			3445	113	740	203	315	1235	6106		11996
811004	RUSKINGTON NO. 1	TF0920049740	792	782		280355	27		7.1	5597	102	1660	305	91	1992	11005		20705
811003	RUSKINGTON NO. 1	TF0920049740	907	896	UCM CCCD	020455	27		7.3	3576	59	728	142	187	523	6709		11829
811074	RUSKINGTON NO. 1	TF0920 4974	996	983	CL CL	130455	27		7.6	3993	76	674	311	446	877	7242		13392
67 194	WOODHALL SPA LINCS	TF200 640				0352	07			7590	38	525	319	207		13490	7.9	
761389	BEESTON REGIS NRFLK	TG1680 4160	106		UCK KTKM	0962	07		6.9	18		98	6	276	30	28		
74 486	TRUNCH B/H	TG2937 3450		160		1174	17	12.5		2050	65	111	231		893	3305		
74 513	TRUNCH B/H	TG2937 3450		283		1274	17			5800	188	333	795					
74 530	TRUNCH B/H	TG2937 3450		368		0175	17			8920	244	472	1160					
74 547	TRUNCH B/H	TG2937 3450		460		0175	17	19.5		10350	264	586	1290		3097	19700		
74 552	TRUNCH B/H	TG2937 3450		507		0375	17			11250	304	750	1220			19700		
74 561	TRUNCH B/H	TG2937 3450		594		0375	17			8350	252	1080	560					
761390	POCKTHORPE BRWRY NRW	TG2358 0944	102			131162	07		7.1	33	7	133	9		73	57		
761024	SOMERTON NO1 NORFOLK	TG4607 2120	1397	683	KM T	68	27		7.1	16700	240	3000	800	200	580	31000		52418
761025	SOMERTON NO1 NORFOLK	TG4607 2120	1397	1060	CL CL	68	27		6.5	21300	290	3800	1000	120	360	49000		75809
761026	SOMERTON NO1 NORFOLK	TG4607 2120	1397			68	27		7.5	8800	80	500	300	60	2630	10500		22839

Seq No	Locality	N G R	Depth Well m	Depth Smpl m	Form.	Date	Type	Temp degC	pH	Chemical analysis Na mg/l	K	Ca	Mg	HCO3	SO4	Cl	Si	TDS
80 243	ERISWELL B/H SUFFOLK	TL7433 7887	216	181	BNS TS	170480	11		8.1	1610	32	230	91	121	2300	1620		5942
771078	LAPORTES LUTON	TL067 221	198	143	UGS KA	220274	10	14.	7.1	9	4	50	10	224	36	14	7.7	249
771077	WHITBREADS BY.LUTON	TL055 233	183	170	UGS KA	241175	10		7.1	9	4	51	5	177	25	16.	10.7	220
761014	CARPNTRS RD WEST HAM	TQ3786 8440	106		UCK KTKM	260138	07					152	40		252	191	8.6	
761516	CLIFFE NO.1	TQ7240 7632	252	241	LGS KPKA	110859	27	23.	8.5	764	12	32	20	300	158	901		2035
761384	HARDHAM SUSSEX	TQ0332 1774	185		AC KP	290163	11		7.2	73	4	15	3	103	17	19	7.5	197
761018	RUSHENDEN P/S SHEPEY	TQ9053 7128	122		CK KU	241056	10		7.0	33	16	109	36	390	110	58	9.3	574
811154	SOMPTING SUSSEX	TQ1661 0636	475	404		120878	10	21.4	6.6	8	3	16	2	65	13	9	12.8	110
761015	FAVERSHAM STN KENT	TR0169 6087	105			091132	07					141	4		9	23	5.3	