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NATURAL ENVIRONMENT RESEARCH COUNCIL

Investigation of the geothermal potential of the UK



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

First revision: August 1981

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A. J. Burley and I. N. Gale

The Institute of Geological Sciences
was formed by the incorporation of
the Geological Survey of Great
Britain and the Geological Museum
with Overseas Geological Surveys
and is a constituent body of the
Natural Environment Research
Council

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CATALOGUE OF GEOTHERMAL DATA FOR THE LAND AREA OF THE UNITED KINGDOM

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EXPLANATORY NOTES

1. INTRODUCTION

A comprehensive catalogue of underground temperature, heat flow and geochemical data was first published by the Department of Energy in 1978 (Burley and Edmunds). It was compiled under the terms of contracts drawn between the Commission of the European Communities, the Department of Energy and the Natural Environment Research Council in association with its component body the Institute of Geological Sciences. This First Revision of the earlier catalogue was prepared under an extension of the same contractual arrangements. It incorporates new data acquired since the first catalogue was completed in June 1977, and it also includes the data published in the first catalogue. Revisions of the original maps, however, are not included and readers will themselves need to add the locations of new data to those maps. Reference should be made to the original publication for an account of how the tables are compiled but an explanation of the various columns of data is given at the beginning of each table. A further revision is planned in 1984 when it is intended to publish a fully revised version of the catalogue. The Institute would be grateful for information about errors or omissions.

2. TEMPERATURE DATA (TABLE I)

The catalogue includes information about measurements in 174 boreholes or mines that have been obtained since the first catalogue was produced. Of the new measurements 113 were supplied by the National Coal Board, mainly in areas for which there already exists a large amount of temperature data. The remainder are boreholes drilled for IGS or the Department of Energy (24) and oil or gas companies (37). Most of the new holes deeper than 1 km

were again in the main Permo-Triassic basins and the temperatures measured generally confirmed the temperature-depth relationships indicated in the 1978 catalogue. In addition, boreholes drilled specifically for heat flow measurements in Devon and Cornwall since the first catalogue was produced, are listed.

3. HEAT FLOW DATA (TABLE II)

New heat flow data have been obtained from Imperial College of Science and Technology (Whieldon and others, 1980). Staff from the college made measurements in specially drilled boreholes in, and adjacent to, the granite batholith in south-west England. Other data were produced by Oxford University (Oxburgh and others, 1980), and by D T Pugh (1977) who made measurements in sediments at the bottom of Lake Windermere and Loch Ness.

4. CHEMICAL DATA (TABLE III)

An additional 145 water analyses have been added to the Tables IIIA and IIIB. Of these, 135 are of samples collected by commercial organisations during exploratory drilling for hydrocarbons. These samples are largely from boreholes in the East Midlands, Lincolnshire and Yorkshire.

The remaining ten are analyses of samples collected by IGS either from boreholes drilled for IGS or from boreholes in which IGS had a very close interest. These samples were analysed in greater detail.

5. ACKNOWLEDGEMENTS

This catalogue has been compiled by Dr A J Burley and Mr I N Gale. They were assisted by Mr M Baxter, Miss S J Whitting and Mr M T Houghton (Table I and II), and Dr W M Edmunds and Dr A H Bath (Table III).

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- WHIELDON J., FRANCIS M.F., ELLIS J.R.L., and THOMAS-BETTS A. 1980. Exploration and Interpretation of the S.W. England geothermal anomaly, in Advances in European Geothermal Research: Proceedings of the Second International Seminar on the results of European Community geothermal energy research, Strasbourg.

TABLE I: TEMPERATURE DATA

Explanation of certain column headings and abbreviations

INDEX NO. Index number of borehole or mine in the Applied Geophysics Unit data bank. The letters indicate the 100 kilometre grid square in which the borehole is located according to the British National grid system. Where a code is given in brackets beneath the name of a borehole this is the IGS borehole index number.

BRITISH NAT. GRID REF (10M). British National Grid Reference to 10 metres, where known. The full grid reference is given by combining the two letters of the index number with the figure quoted in this column. In some mining areas, the precise position of the temperature measurement is not known: in this case the grid reference of the centre of the mine is given, preceded by 'U' = Uncertain. In Northern Ireland the Irish grid is used, preceded by the letter 'I'.

OTH DAT. Other data listed in this report: HF indicates heat flow data, and GEOCH indicates geochemical data.

SRCE OF DATA. Source of data. A list of abbreviations is given in section 7.1 of the original catalogue.

YR. Year in which data were measured. NC indicates nineteenth century.

O.D. HT. M. Height above Ordnance Datum (Mean Sea Level) of ground level in metres.

SURFACE TEMP. Ground temperature at the surface.

DEPTH. Depth of temperature measurement in metres.

TEMP °C. Temperature in degrees Centigrade.

TEMP GRAD °C/KM. Mean temperature gradient between the surface and the depth of the temperature measurement in degrees Centigrade per kilometre.

TYPE OF OBS. Type of observation. The following abbreviations are used:

BHT bottom-hole temperature
LOG temperature log: only temperatures at the bottom of the hole are quoted
MWT mine water temperature
CFM coalfield measurement
VST virgin strata temperature
DST drill-stem test
EQM equilibrium measurement

Details of these categories are given in section 3.2 of the original catalogue.

TIME FROM CIR. Time between stopping circulation and measuring temperature. This is quoted, where known, for 'bottom-hole' and 'log' measurements. H = HOURS, D = DAYS, M = MONTHS, Y = YEARS.

CORR. TEMP °C. Corrected temperature in degrees Centigrade where times since circulation are quoted. Details of corrections applied are given in section 3.4 of the original catalogue.

CORR. TEMP GRAD °C/KM. Corrected temperature gradient.

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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	106904347	N55 13 43 W06 19 13	HF	IGS	65	103	9.4	255	17.8	32.9	BHT			
					I.C				436	28.3	43.3	EQM			
									579	35.5	45.1	EQM			
									1482	63.3	36.4	LOG	5H	79.3	47.2
ID 3	LARNE NO 2	140680218	N54 50 54 W05 48 33		IGS	81	3	9.0	1340	46.5	28.0	DST			
									1389	47.2	27.5	DST			
									1790	56.1	26.3	BHT	3D	56.1	26.3
									2535	63.3	21.4	BHT	6H	75.3	26.2
									2535	67.8	23.2	BHT	20H	69.3	23.8
IG 1	BELLEEK NO.1	1248 591	N54 28 47 W08 04 54		IGS	76	59	10.1	167	15.2	30.5	BHT	2D	15.2	30.5
IH 1	BIG DOG	101864967	N54 23 43 W07 58 11		MAR	65	184	9.4	1026	33.9	23.9	BHT	2H	-	-
IH 2	GLENDU	149624142	N54 19 13 W 7 14 21		MAR	66	181	9.4	1383	40.6	22.6	BHT	3H	-	-
IH 3	OWENGARR	1232 269	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	1887 476	N54 22 6 W 6 38 8	GEOCH	IGS	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	KILLARY GLEBE 1	186946788	N54 33 21 E 6 41 10		GSI	79	51	9.0	1155	52.6	37.7	LOG	2H	-	-
IJ 1	LANGFORD LODGE	109087462	N54 36 28 W06 18 30		IGS	57	21	9.9	1020	47.8	37.2	LOG			
IJ 2	BALLYCARRY A1	1463 941	N54 46 23 W 5 43 33		ICI	65	8	10.0	593	33.9	40.3	BHT			
IJ 3	CASTLE DOBBS	1438 907	N54 44 34 W 5 45 58		ICI	65	83	9.5	398	37.8	71.1	BHT			
IJ 4	LISBURN NO.2	1249 669	N54 32 2 W 6 4 4		IGS	75	108	9.4	166	13.3	23.5	BHT	31Y	13.3	23.5
IJ 5	NEUMILL	146049495	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	62.0	26.5

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. M	SUR- FACE TEMP	DEPTH (M)	TEMP C	TEMP GRAD C/KM	TYPE OF ORS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/KM
IJ 9	BALLYMACILROY 1	105749761	N54 47 15 E 6 19 50		GSI	79	73	9.0	1542	62.0	34.4	DST			
									1911	66.0	29.8	DST			
									1976	68.0	29.9	DST			
									2236	77.8	30.8	LOG	12H	81.8	32.6
NC 3	ALTNABREAC ALA	99904528	N58 23 5 W 3 42 43		IGS	79	155	8.1	299	10.3	7.4	LOG	54D	10.3	7.4
NC 4	ALTNABREAC ALC	99394291	N58 21 48 W 3 43 11		IGS	79	219	7.7	301	8.8	3.7	LOG	15D	8.8	3.7
NC 10	LOTHBEG NO 1	946 095	N58 3 44 W 3 47 11		PCO	80	6	9.0	736	40.6	42.9	BHT			
ND 8	ALTNABREAC ALB	02324167	N58 21 10 W 3 40 9		IGS	79	153	8.1	282	10.1	7.1	LOG	96D	10.1	7.1
NO 9	BALFOUR	323 003	N56 11 26 W 3 5 27	HF	8	07	40	9.3	543	18.5	16.9	EQM			
									722	22.4	18.1	EQM			
									902	26.5	19.1	EQM			
									1083	29.9	19.0	EQM			
									1205	33.4	20.0	EQM			
NO 14	WINDYGATES (NO30SE/195)	35100034	N56 11 28 W 3 2 45		NCH	78	61	9.1	1298	30.0	16.1	BHT			
NS 2	RASHIEHILL (NS87SW/022)	83867301	N55 56 9 W 3 51 33		IGS	52	153	9.1	964	34.4	26.2	LOG			
NS 3	CLACHIE BRIDGE	64478368	N56 1 36 W 4 10 30		IGS	76	271	8.4	300	13.2	16.0	LOG			
NS 5	SALSBURGH 1A	81666486	N55 51 44 W 3 53 27	GEOCH	GAS	64	223	8.7	874	29.0	23.2	DST			
									883	30.0	24.1	BHT			
NS 7	HALLSIDE (NS65NE/006)	66945975	N55 48 45 W 4 7 24		IGS	76	54	9.7	350	11.8	6.0	LOG	60H	11.8	6.0
NS 9	GRANGEMOUTH DOCK	95138387	N56 2 10 W 3 40 59		NCB		5	10.0	1134	45.0	30.9	BHT			
NS 10	SOUTH BALGRAY	50 75	N55 56 41 W 4 24 8	HF	8	39		8.1	137	14.5	46.7	EQM			
									160	15.3	45.0	EQM			
NS 12	BLYTHSWOOD	50036823	N55 53 1 W 4 23 52	HF	8	39	2	8.1	105	12.0	37.1	EQM			

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NS 19	DOUGLAS COL.	0830 300	N55 32 58 W 3 51 17		GEOCH NCB		194	8.8	239	12.2	14.2	MWT			
NS 34	SOLSGIRTH COL.	97779329	N56 7 17 W 3 38 40		GEOCH NCB	74	80	9.5	387	21.5	31.0	MWT			
NS 43	DOGSIDE COL.	95648778	N56 4 17 W 3 40 35		GEOCH NCB	74	61	9.6	334	17.0	22.2	MWT			
NS 48	HIGHHOUSE COL.	53217202	N55 55 7 W 4 20 57		GEOCH NCB	75	76	9.5	436	18.0	19.5	MWT			
NS 51	BARONY COL.	51051971	N55 26 54 W 4 21 19		GEOCH NCB	76	138	9.2	411	17.0	19.0	MWT			
NS 55	KILLOCH COL.	48832130	N55 27 43 W 4 23 28		GEOCH NCB	76	130	9.2	655	17.0	11.9	MWT			
NS 63	POLKEMMET COL.	91906278	N55 50 46 W 3 43 36		GEOCH NCB	76	244	8.5	549	17.0	15.5	MWT			
NS 79	EGGERTON DIV 2 (NS83SE/039)	85043171	N55 33 55 W 3 49 23		NCB	78	230	8.6	410	14.0	13.2	BHT			
NS 85	TILLYCOUNTRY NO 2 (NS99NW/190)	92769653	N56 8 58 W 3 43 35		NCB	78	20	9.9	510	18.0	15.9	BHT			
NS 86	TULLIBODY NO 1 (NS89NE/099)	86019594	N56 8 33 W 3 50 5		NCB	78	16	9.9	325	16.0	18.8	UHT			
NS 95	GARTLOVE NO 2 (NS99SW/292)	94039267	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	GARTENKEIR (NS99SW/290)	92679486	N56 8 3 W 3 43 37		NCB	77	223	8.7	488	16.0	15.0	BHT			
NS109	SHANNOCK HILL (NS99NW/188)	93389512	N56 8 12 W 3 42 57		NCB	77	317	8.1	497	18.0	19.9	BHT			
NS120	PIPERSINK (NS98NW/195)	93078211	N56 4 58 W 3 43 6		NCB	77	28	9.8	408	20.2	25.5	BHT			
NS125	GLENOCHILL (NS89NE/100)	87699617	N56 8 42 W 3 48 28		NCB	78	10	9.9	628	30.0	32.0	BHT			
NS138	QUEENSLIE NO 4 (NS66NW/326)	64666598	N55 52 4 W 4 9 47		NCB	52	78	9.5	691	36.0	38.4	BHT			

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NS141	SLATEHOLE (NS42SE/004)	49062342	N55 28 52 W 4 23 19		NCB	54	81	9.5	1024	40.0	29.8	BHT			
NS144	GALLOWKNOWE (NS83SW/204)	83883118	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	STONEKNOVES (NS83NE/083)	88173570	N55 36 7 W 3 46 30		IGS	79	256	8.5	277	13.5	18.1	BHT	47H	13.5	18.1
NS901	COMRIE	97879501	N56 8 13 W 3 38 37		NCB		75	9.5	850	30.0	24.1	VST			
NT 3	SPILMERSFORD (NT46NE/073)	45706902	N55 54 40 W 2 52 7		IGS	67	75	9.5	877	27.8	20.9	BHT	2H	-	-
NT 5	MIDLOTHIAN NO.1	363 647	N55 52 16 W 3 1 5		ESO		232	8.6	747	37.8	39.1	LOG			
NT 6	BIRNIEKNOWES (NT77SE/009)	75807317	N55 57 3 W 2 23 15		IGS	68	38	9.3	372	23.9	39.2	LOG			
NT 7	MARSHALL MEADOWS (NT95NE/005)	97975686	N55 48 18 W 2 1 56	HF	I.C	71	65	9.1	227	11.5	10.6	EQM			
NT 11	COUSLAND NO.5	37746773	N55 53 55 W 2 59 44		B.P	54	165	9.0	585	17.8	15.0	BHT			
NT 12	COUSLAND NO.6	38356801	N55 54 4 W 2 59 9		B.P	60	167	9.0	582	23.9	25.6	BHT			
NT 13	PUMPHERSTON	07336979	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			
NT 14	LOCHEAD (NT39NW/136)	32199659	N56 9 26 W 3 5 30		NCB	57	146	9.7	1167	30.4	17.7	BHT			
NT 15	BORELAND NO.1	30409420	N56 8 8 W 3 7 12	HF		11	39	9.6	1007	29.8	20.1	EQM			
NT 16	MACKIES MILL (NT39NW/016)	30509795	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	THORNTON BRIDGE	28899722	N56 9 44 W 3 8 42		NCB		51	9.7	665	28.0	27.5	BHT			
NT 18	THORNTON FARM	29699761	N56 9 54 W 3 7 56		NCB		48	9.7	1055	38.0	26.8	BHT			

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NT 19	EASTFIELD BORE 1	32647297	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	29966320	N55 51 24 W 3 7 8		GEOCH	73	137	9.2	670	15.0	8.7	MWT				
NT 27	LADY VICTORIA CO	32946666	N55 53 18 W 3 4 20		GEOCH	74	58	9.7	768	18.0	10.8	MWT				
NT 33	AUCHENDINNY (NT26SW/081)	24966125	N55 50 19 W 3 11 54		NCB	79	167	9.0	459	18.0	19.6	BHT				
NT 51	WELLSGREEN (NT39NW/381)	33429833	N56 10 22 W 3 4 20		NCB	79	49	9.7	1485 1485	38.9 42.3	19.7 22.0	BHT LOG				
NT901	FRANCES	32149050	N56 6 9 W 3 5 28		NCB		-21	9.0	841	29.0	23.8	VST				
NT902	MONKTONHALL	32427053	N55 55 23 W 3 4 54		NCB	72	46	9.7	866	25.5	18.2	VST				
NT903	SEAFIELD	31508923	N56 5 28 W 3 6 4		NCB		-24	9.0	789	29.0	25.3	VST				
NX 2	CASTLE DOUGLAS	717 550	N54 52 20 W 3 59 53		OXU		137	9.2	231	14.7	23.8	ERM				
NY 3	ARCHERHECK (NY47NW/014)	41577815	N55 5 39 W 2 54 56		IGS	55	96	9.4	1365	61.2	37.9	LOG				
NY 5	ROOKHOPE (NY94SW/001)	93764278	N54 46 47 W 2 5 49		HF	10	64	323	8.1	152 215 273 366 427 488 549 610 671 731 792 806	16.6 19.9 22.2 26.3 28.5 30.4 32.4 34.4 36.4 38.3 40.3 40.7	55.9 54.9 51.6 49.7 47.8 45.7 44.3 43.1 42.2 41.3 40.7 40.4	ERM ERM ERM ERM ERM ERM ERM ERM ERM ERM ERM ERM ERM			
NY 6	FERNEYRIGG (NY98SE/013)	95798364	N55 8 49 W 2 3 57		IGS	74	237	9.1	426	16.0	18.5	LOG				

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NY 11	SILLOTH NO.1 (NY15SW/001)	12305484	N54 52 50 W 3 22 1		ULT	73	6	10.0	727 1335	28.0 68.0	24.8 43.4	BHT BHT	3H 6H	- 80.0	- 52.4
NY 16	ROWANDURNFOOT	41037575	N55 4 21 W 2 55 25		NCB		32	9.8	876	47.0	42.5	BHT			
NY 17	WOODHOUSELEES (NY37SE/001)	39117496	N55 3 55 W 2 57 12		NCB	56	58	9.7	1036	26.7	16.4	BHT			
NY 31	KNOTTYHOLM (NY37NE/006)	39507715	N55 5 6 W 2 56 52		NCB	54	43	10.0	519	29.7	38.0	BHT			
NY 32	BROADMEADOWS (NY37NE/015)	37667627	N55 4 36 W 2 58 36		NCB	79	80	9.5	788	27.8	23.2	BHT	13H	29.3	25.1
NZ 1	STAITHES NO.1 (NZ71NE/009)	76961852	N54 33 20 W 0 48 38		ICI	65	63	9.6	1173	37.4	23.7	LOG			
NZ 3	WOODLAND (NZ02NE/004)	09102780	N54 38 42 W 1 51 32	HF	12	62	285	8.3	197 283 368 488	16.1 20.1 24.8 29.7	39.6 41.7 44.8 43.9	ERM ERM ERM ERM			
NZ 4	THROCKLEY NO 1 (NZ16NW/028)	14566762	N55 0 10 W 1 46 20		IGS	65	100	9.4	591	24.7	25.9	LOG	6H	31.7	37.7
NZ 5	NEWTON MULGRAVE (NZ71SE/003)	77391360	N54 30 42 W 0 48 16		GEOCH R.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)	67590243	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)	34987485	N55 4 0 W 1 27 7		SAF	67	5	10.0	1052	32.2	21.1	BHT			
NZ 13	SEAL SANDS (NZ52SW/236)	538 238	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)	92260878	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)	93090637	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)	91810669	N54 26 49 W 0 35 2		Y.P	68	124	9.3	1360	45.0	26.3	BHT			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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 17	YP 4 (NZ90NW/004)	92450801	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)	89570685	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)	89600894	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)	94370737	N54 27 10 W 0 32 39		Y.P	70	128	9.2	1317	44.0	26.4	BHT			
NZ 21	YP 8 (NZ90NW/008)	91540792	N54 27 29 W 0 35 15		Y.P	70	83	9.5	1413	45.0	25.1	BHT			
NZ 22	YP 12 (NZ90SE/006)	96630130	N54 23 52 W 0 30 40		Y.P	71	259	8.4	1372	40.0	23.0	BHT			
NZ 26	ESKDALE NO.11	85440424	N54 25 34 W 0 40 58		B.P	58	283	8.3	1481	71.1	42.4	BHT			
NZ 27	ESKDALE NO.12	857 082	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	HARTON	39666562	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	ROBIN HOODS BAY	94780403	N54 25 21 W 0 32 20		B.P	57	59	9.6	1638	46.7	22.6	BHT			
NZ 30	KIRKLEATHAM 1	58792127	N54 34 59 W 1 5 25	HF	1	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			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. M	SUR- FACE TEMP	DEPTH (M)	TEMP C	TEMP GRAD C/KM	TYPE OF OBS	PAGE 8		
													TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/KM
NZ 31	TOCKETTS 1	63141810	N54 33 15 W 1 1 25	HF	1	46	57	9.7	191	15.7	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	HOULBY	761 184	N54 33 17 W 0 49 23	HF	OXU		90	9.5	1087	39.9	28.0	EQM			
NZ 35	EGTON MOOR	76950278	N54 24 52 W 0 48 50		B.P	69	296	8.2	1226	30.0	17.8	BHT			
									1633	46.1	23.2	BHT	12H	48.1	24.4
NZ 36	SOUTH HETTON	U382 453	N54 48 3 W 1 24 20	HF GEOCH	6	NC	122	9.3	355	18.9	27.0	EQM			
									386	20.4	28.8	EQM			
									416	21.1	28.4	EQM			
									447	22.2	28.9	EQM			
									477	23.6	30.0	EQM			
									508	24.4	29.7	EQM			
									521	24.2	28.6	EQM			
									529	25.0	29.7	EQM			
NZ 61	SLEIGHTS A1 (NZ80NW/001)	828 083	N54 27 47 W 0 43 20		ACI	62	236	8.6	1369	50.6	30.7	LOG			
NZ 79	UGTHORPE A19 (NZ81SW/006)	81421171	N54 29 38 W 0 44 34		W P	68	134	9.2	1390	46.1	26.5	LOG			
NZ901	BOLDEN COLLIERY	U346 623	N54 57 14 W 1 27 34		6	NC	25	9.8	1365	23.9	10.3	CFM	36H	23.9	10.3
									1514	26.1	10.8	CFM	2M	26.1	10.8
SD 1	ROOSECOTE (SD26NW/019)	23046866	N54 6 28 W 3 10 38		IGS	71	37	10.3	791	29.4	24.1	LOG			
SD 3	RAYDALE (SD98SW/001)	90268474	N54 15 29 W 2 8 58	GEOCH	IGS	73	268	8.9	285	19.0	35.4	DST			
									450	20.9	26.7	LOG			
									593	23.2	24.1	EQM			
SD 6	BOULSWORTH (SD93SW/014)	92693479	N53 48 33 W 2 6 39	GEOCH	CON	63	426	7.9	1814	57.2	27.2	BHT	4H	-	-
									1919	57.2	25.7	DST			
SD 8	HOLME CHAPEL 1 (SD82NE/068)	86082878	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	KIRKHAM (SD43SW/006)	43243747	N53 49 44 W 3 1 34	GEOCH	GAS	70	12	10.4	405	25.2	36.5	EQM			
									427	21.8	26.7	LOG	24H	21.8	26.7

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SD 15	BECKERMONDS SCAR (SDRRSE/001)	86358016	N54 13 0 W 2 12 33		IGS	76	337	9.5	522	18.0	16.3	LOG	11H	20.0	20.1
SD 18	RED KNOLL	87613195	N53 47 0 W 2 11 17		NCB	75	212	9.2	227	14.0	21.1	BHT			
SD 19	SAVILLE FARM	87813216	N53 47 7 W 2 11 5		NCB	75	220	9.2	219	17.4	37.4	LOG			
SD901	ROSEURIDGE COLL.	578 059	N53 32 52 W 2 38 13	HF	6	NC	60	10.1	172	18.9	51.2	CFM			
									503	25.6	30.8	CFM			
									549	26.7	30.2	CFM			
									745	34.4	32.6	EQM			
SE 2	HARLSEY NO. 1 (SE49NW/006)	42219808	N54 22 34 W 1 20 59	GEOCH	HOC	65	112	9.8	1076	32.2	20.8	BHT			
SE 5	LOCKTON 2A (SE99SW/004)	90269014	N54 17 55 W 0 36 46	GEOCH	HOC	66	234	9.1	1438	43.3	23.8	BHT			
									2048	50.0	20.0	BHT			
SE 6	LOCKTON 3 (SE99SW/003)	909 929	N54 19 24 W 0 36 8		HOC	67	119	9.8	1289	38.3	22.1	BHT			
									2207	60.0	22.7	BHT			
SE 7	LOCKTON 4 (SE88NE/001)	869 889	N54 17 17 W 0 39 53		HOC	67	204	9.3	1442	48.3	27.0	BHT			
									2025	55.0	22.6	BHT			
SE 8	LOCKTON 5 (SE89SE/003)	89319137	N54 18 36 W 0 37 38	GEOCH	HOC	67	229	9.1	1891	55.6	24.6	BHT			
SE 9	LOCKTON 6 (SE98NW/003)	90968762	N54 16 33 W 0 36 11	GEOCH	HOC	68	144	9.6	2001	57.2	23.8	BHT			
SE 10	LOCKTON 7 (SE99SW/005)	91739017	N54 17 55 W 0 35 25	GEOCH	HOC	68	221	9.2	2134	54.4	21.2	BHT			
SE 12	ROSEDALE NO.1 (SE79SW/001)	72679496	N54 20 41 W 0 52 55	GEOCH	HOC	66	159	9.5	863	40.0	35.3	BHT			
									1639	55.0	27.8	BHT			
SE 13	ASKERN NO. 1 (SE51NE/001)	56511502	N53 37 42 W 1 8 43	GEOCH	B.P	57	4	10.5	1457	68.0	39.5	DST			
									1467	70.6	41.0	BHT			
SE 14	AXHOLME NO. 1 (SE70SE/005)	78100445	N53 31 50 W 0 49 17		CAN	73	17	10.4	1524	61.1	33.3	BHT	2H	-	-
SE 16	BARLOW NO 1 (SE62NW/015)	63342735	N53 44 34 W 1 2 22		CAN	73	5	10.5	1215	47.2	30.2	BHT	4H	-	-

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. M	SUR- FACE TEMP	DEPTH (M)	TEMP C	TEMP GRAD C/KM	TYPE OF OUS	TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/KM
SE 17	BARTON NO.1 (SE76SW/022)	72206467	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	BURTON STATHER (SE81NE/002)	87871883	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	BUTTERWICK NO. 1 (SE80NW/001)	84210563	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	CROWLE NO. 1 (SE71SE/007)	77341193	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
SE 21	HATFIELD NO. 1 (SE60NE/021)	69310696	N53 33 15 W 0 57 13		GEOCH B.P.	66	4	10.5	1046 1268 1601	35.0 50.4 51.7	23.4 31.5 25.7	BHT DST BHT	4H 26H	- 52.7	- 26.4
SE 22	HATFIELD NO. 2 (SE60NE/022)	67240675	N53 33 9 W 0 59 5		GEOCH B.P.	66	5	10.5	1052 1062 1394	43.1 42.8 46.7	31.0 30.4 26.0	DST DST BHT	6H	53.7	31.0
SE 23	LANGTOFT NO.1 (SE96NE/004)	99346519	N54 4 22 W 0 28 53		GEOCH HOC	71	139	9.7	1804 1945	41.6 49.4	17.7 20.4	DST BHT	8H	53.4	22.5
SE 25	NORTH DALTON 1 (SE95SW/006)	93815277	N53 57 44 W 0 34 11		CAN	72	60	10.1	1506	34.4	16.1	BHT	5H	43.4	22.1
SE 26	POCKLINGTON NO.1 (SE84SW/026)	82504600	N53 54 12 W 0 44 39		CAN	73	79	10.0	1065	83.3	68.8	BHT	4H	-	-
SE 27	SEATON ROSS NO.1 (SE73NE/004)	77023840	N53 50 9 W 0 49 47		CAN	73	6	10.5	1013	25.0	14.3	BHT	10H	27.5	16.8
SE 28	SOUTH KIRBY 1 (SE40NE/040)	461 092	N53 34 37 W 1 18 13		SAF	67	46	10.2	1407	53.3	30.6	BHT	3H	-	-
SE 29	SOUTH CLIFFE 1 (SE83NE/008)	87913522	N53 48 20 W 0 39 53		CAN	73	10	10.4	1070	58.9	45.3	BHT	3H	-	-
SE 30	AXHOLME NO.2 (SE70SE/006)	79340297	N53 31 1 W 0 48 11		SCR	73	33	10.3	1433	50.0	27.7	BHT	8H	58.0	33.3
SE 32	WHITHELL (SE76NW/008)	72796575	N54 4 56 W 0 53 14		GEOCH B.P.	61	70	10.1	1606 1812	55.0 54.4	28.0 24.4	DST BHT	7H	64.4	30.0
SE 33	WHELDRAKE (SE64NE/004)	67604620	N53 54 26 W 0 58 15		CAN	73	12	10.4	1555	51.1	26.2	BHT	8H	59.1	31.3

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SE 46	WHENBY / (SE67SE/007)	65417246	N54 8 37 W 0 59 54		CAN	75	105	9.9	1632	47.8	23.2	BHT	2H	-	-
									1632	50.0	24.6	BHT	6H	62.0	31.9
									1632	51.1	25.2	BHT	11H	56.1	28.3
SE 47	MILLFIELD	66824412	N53 53 19 W 0 59 59		NCB	75	16	10.4	1151	44.2	29.4	LOG			
SE 48	NORTH DUFFIELD (SE63NE/005)	69123524	N53 48 31 W 0 57 0	HF	OXU NCB	75	6	10.5	960 999	34.7 37.0	25.2 26.5	ERM LOG			
SE 49	UROCKET WOOD (SE54SE/004)	56714409	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)	61953332	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)	60351247	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)	60511259	N53 36 22 W 1 5 7		B.P	57	6	10.5	1020 1579	36.7 51.7	25.7 26.1	BHT BHT			
SE 58	TRUMFLEET NO.5 (SE61SW/008)	60561141	N53 35 43 W 1 5 5		GAS	66	8	10.5	1039 1087	38.3 43.3	26.8 30.2	BHT BHT			
SE 61	WYKEHAM NO.1 (SE98NW/005)	92388734	N54 16 23 W 0 34 52	GEOCH	HOC		222	9.2	1387 2015	41.7 51.7	23.4 21.1	BHT BHT	15H 15H	42.7 54.7	24.2 22.6
SE 62	LOCKTON NO.8 (SE98NW/004)	90998948	N54 17 33 W 0 36 6	GEOCH	HOC	71	244	9.0	1423 2125	43.3 55.0	24.1 21.6	BHT BHT	10H 3H	45.8 -	25.9 -
SE 63	CAWOOD COMMON (SE53NE/008)	56393549	N53 48 44 W 1 8 36		NCB		8	10.5	586	34.4	40.8	BHT	4H	-	-
SE 65	THORNE COLLIERY	U705 159	N53 38 4 W 0 56 1		5	21	2	10.5	457	18.2	16.8	LOG	7Y	18.2	16.8
SE 67	SKIPWITH	664 437	N53 53 6 W 0 59 23	HF	OXU			10.5							
SE 68	SKIPWITH BRIDGE	654 407	N53 51 30 W 1 0 20	HF	OXU			10.5							
SE 69	APPROACH FARM	628 388	N53 50 29 W 1 2 44	HF	OXU			10.5							

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SE 77	FARNHAM (SE35NW/027)	34695996	N54 2 3 W 1 28 13		IGS	79	42	10.2	322	16.4	19.3	LOG	17H	17.4	22.4
SE 78	NAHURN GRANGE (SE54SE/011)	59714395	N53 53 17 W 1 5 29		NCB		10	10.4	939	43.3	35.0	BHT	4H	-	-
SE901	ROSSINGTON B06	63840194	N53 30 36 W 1 2 13		NCB	74	7	10.5	834	29.5	22.8	VST			
SE902	BRODSWORTH P11	52100630	N53 33 1 W 1 12 48		NCB	74	40	10.3	767	31.5	27.6	VST			
SE903	BRODSWORTH T36	56300690	N53 33 19 W 1 9 0		NCB	74	12	10.4	770	32.5	28.7	VST			
SE904	BRODSWORTH P03	54800630	N53 33 0 W 1 10 22		NCB	74	30	10.3	799	33.0	28.4	VST			
SE905	BRODSWORTH B20	52300370	N53 31 37 W 1 12 39		NCB	75	7	10.5	588	26.1	26.5	VST			
SE906	BRODSWORTH B04	51110980	N53 34 23 W 1 13 41		NCB	75	69	10.1	760	29.0	24.9	VST			
SE907	MARKHAM MAIN B20	64720492	N53 32 12 W 1 1 24		NCB		7	10.5	737	26.6	21.8	VST			
SE908	MARKHAM MAIN B40	63530238	N53 30 50 W 1 2 30		NCB		8	10.5	813	27.7	21.2	VST			
SE909	FRICKLEY B68	51001053	N53 35 19 W 1 13 46		NCB		15	10.4	690	28.8	26.7	VST			
SE910	KELLINGLEY	50952565	N53 43 28 W 1 13 39		NCB		11	10.4	649	31.8	33.0	VST			
SE911	KELLINGLEY	53302155	N53 41 14 W 1 11 34		NCB		9	10.4	720	32.6	30.8	VST			
SE912	PECKFIELD	50823235	N53 47 5 W 1 13 43		NCB		6	10.5	305	19.1	28.2	VST			
SE913	FRYSTON	49732633	N53 43 50 W 1 14 46		NCB		15	10.4	595	29.0	31.3	VST			

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SE914	BRODSWORTH COLL.	U525 075	N53 33 40 W 1 12 26		5	20	37	10.3	561 556 658 693 778 774	25.0 26.1 30.2 31.4 32.7 33.1	26.2 28.4 30.2 30.4 28.8 29.5	CFM CFM CFM CFM CFM CFM	2H 2H 2H 2H 2H 2H	- - - - - -	- - - - - -
SE915	HATFIELD COLL.	U653 112	N53 35 35 W 1 0 47		5	21	4	10.5	739 739 700 702	31.9 32.2 29.9 29.7	29.0 29.4 27.7 27.4	CFM CFM CFM CFM	24H 24H 24H 24H	31.9 32.2 29.9 29.7	29.0 29.4 27.7 27.4
SE916	BENTLEY COLLIERY	U570 075	N53 33 38 W 1 8 21		5	21	5	10.5	551 624 661 549	23.6 26.0 27.6 24.2	23.8 24.8 25.9 25.0	CFM CFM CFM CFM	2H 2H 2H 2H	- - - -	- - - -
SH 1	MUCHRAS (SH52NE/001)	55332594	N52 48 40 W 4 8 48		IGS	70	3	11.0	308 648 1152 1298	18.0 23.9 31.4 36.7	22.7 19.9 17.7 19.8	LOG LOG LOG LOG	10H	33.9	19.9
SH 3	BRYN TEG (SH63SE/001)	69923214	N52 52 14 W 3 55 58	HF	OXU	73	188	9.2	240 260 280 300 320 340	11.7 11.9 12.1 12.4 12.6 12.9	10.4 10.4 10.4 10.7 10.6 10.9	ERM ERM ERM ERM ERM ERM			
SH 4	COED Y ORENIN 49	747 258	N52 48 53 W 3 51 33	HF	OXU		183	9.9	449	15.5	12.5	ERM			
SJ 6	WILKESLEY (SJ64SW/007)	62864144	N52 58 7 W 2 33 11		IGS	60	78	10.0	817 1286 1682	30.0 39.7 48.9	24.5 23.1 23.1	BHT BHT BHT			
SJ 12	MILTON GREEN (SJ45NW/009)	43745692	N53 6 22 W 2 50 25		ESO	65	16	10.9	1054 1584	33.9 40.0	21.8 18.4	BHT BHT			
SJ 13	PRES NO.1 (SJ53SE/003)	558 344	N52 54 17 W 2 39 26		TRE	73	90	10.0	1928 2916 3601 3828	54.4 66.7 73.3 80.0	23.0 19.4 17.6 18.3	BHT BHT BHT BHT			
SJ 1A	KNUTSFORD (SJ77NW/004)	70277786	N53 17 47 W 2 26 46		GAS	74	41	10.8	3037	58.8	15.8	BHT			

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SJ 23	ALLOTMENT	94672672	N52 50 17 W 2 4 44		NCB	76	117	9.8	1001	30.7	20.9	BHT	16H	31.7	21.9
									1006	32.1	22.2	LOG	16H	33.1	23.2
									1010	31.0	21.0	LOG	16H	32.0	22.0
SJ 24	BEACON	94322477	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	97142195	N52 47 41 W 2 2 32		NCB	76	77	10.0	777	28.0	23.2	BHT			
SJ 26	BRICKLAWN (SJ92SE/010)	97662360	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 (SJ58NW/068)	353 451	N52 59 56 W 2 57 51		NCB	76	25	10.3	1151	32.0	18.9	LOG			
SJ 28	ENSON	94342895	N52 51 27 W 2 5 2		NCB	76	82	10.0	1007	33.2	23.0	LOG			
SJ 29	FIDLERS	76591334	N52 43 0 W 2 20 47		NCB	76	148	9.6	900	27.4	19.8	LOG			
									914	27.5	19.6	BHT			
SJ 30	HANYARDS (SJ92SE/012)	96482425	N52 48 55 W 2 3 7		NCB	75	108	9.9	843	25.4	18.4	LOG			
SJ 31	KINGSTON	94732334	N52 48 26 W 2 4 41		NCB	75	88	10.0	928	35.4	27.4	LOG			
SJ 32	STONYLOW NO.1	79054429	N52 59 42 W 2 18 43		NCB	76	124	9.8	464	20.0	22.0	BHT			
									494	19.6	19.8	LOG			
SJ 33	SWALLOW CROFT 2	82284341	N52 59 14 W 2 15 50		NCB	74	154	9.6	1091	27.2	16.1	BHT	5H	36.2	24.4
SJ 34	TRENT LANE (SJ92NE/003)	98552558	N52 49 39 W 2 1 17		NCB	73	76	10.0	916	19.3	10.2	LOG			
SJ 35	WHITMORE (SJ84SW/081)	80784218	N52 58 34 W 2 17 10		NCB	75	128	9.7	990	27.0	17.5	BHT			
									992	26.8	17.2	LOG			
SJ 36	WILLOW MOOR	96422753	N52 50 41 W 2 3 11		NCB	76	81	10.0	593	23.0	21.9	BHT			
									594	22.6	21.2	LOG			
SJ 37	BRADLEY MILL	531 767	N53 17 5 W 2 42 12		OXU		70	10.6	219	14.0	15.5	EQM			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SJ 38	CLOTTON	528 636	N53 10 1 W 2 42 22		GEUCH OXU HF		46	10.7	310	13.6	9.4	EQM			
SJ 39	ORGANSDALE	551 683	N53 12 34 W 2 40 20		GEUCH OXU HF		102	10.4	460	14.8	9.6	EQM			
SJ 40	PRIORS HEYES	512 664	N53 11 31 W 2 43 49		GEUCH OXU HF		32	10.8	304	13.9	10.2	EQM			
SJ 41	HOLFORD	66708197	N53 20 60 W 2 30 0		HF B	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	HOPTON POOL	095 26	N52 49 52 W 2 4 27			13	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		
SJ127	RANTON NO 1 (SJ82SW/012)	84412362	N52 48 34 W 2 13 52		SHL	80	120	9.8	743 1166 1852 1852 1852	30.6 34.4 39.4 40.6 46.7	28.0 21.1 16.0 16.6 19.9	BHT BHT BHT BHT BHT	12H 9H 13H 17H	32.6 37.4 40.9 47.7	30.7 23.7 16.8 20.5
SJ901	FLORENCE COLL.	90984251	N52 58 34 W 2 8 3		NCB	75	133	9.7	948	36.7	28.5	VST			
SJ902	FLORENCE COLL.	90844239	N52 58 42 W 2 8 11		NCB	75	137	9.7	986	38.0	28.7	VST			
SJ903	HOLDITCH COLL.	82304770	N53 1 33 W 2 15 50		NCB	75	168	9.5	862	30.5	24.4	VST			
SJ904	HOLDITCH COLL.	83504610	N53 0 41 W 2 14 45		NCB	75	121	9.8	820	26.9	20.9	VST			
SJ905	HOLDITCH COLL.	83004640	N53 0 51 W 2 15 12		NCB	75	128	9.7	869	28.0	21.1	VST			
SJ906	HOLDITCH COLL.	83054732	N53 1 21 W 2 15 9		NCB	75	136	9.7	1133	43.0	29.4	VST			

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SJ907	SILVERDALE COLL.	83254629	N53 0 48 W 2 14 58		NCB	75	123	9.8	445	17.7	17.8	VST			
SJ908	HEM HEATH COLL.	86904244	N52 58 43 W 2 11 42		NCB	75	116	9.8	960	39.9	31.4	VST			
SJ909	HEM HEATH COLL.	89724011	N52 57 28 W 2 9 11		NCB	75	145	9.6	970	35.3	26.5	VST			
SJ910	HEM HEATH COLL.	90274011	N52 57 28 W 2 8 41		NCB	75	148	9.6	801	30.5	26.1	VST			
SJ911	PARKSIDE COLL.	61859462	N53 26 48 W 2 34 28		NCB	76	30	10.8	808	25.5	18.2	VST			
SJ912	PARKSIDE COLL.	61529530	N53 27 10 W 2 34 46		NCB	76	30	10.8	698	24.2	19.2	VST			
SJ913	BOLD COLL.	56729008	N53 24 19 W 2 39 3		NCB	76	84	10.5	1021	31.0	20.1	VST			
SJ914	BOLD COLL.	55689138	N53 25 17 W 2 40 1		NCB	76	36	10.8	884	28.8	20.4	VST			
SJ915	PARSONAGE COLL.	65499693	N53 28 3 W 2 31 11		NCB	76	26	10.8	1000	30.5	19.7	VST			
SJ916	BICKERSHAW COLL.	64279671	N53 27 56 W 2 32 17		NCB	76	30	10.8	834	27.2	19.7	VST			
SJ917	BICKERSHAW COLL.	65749660	N53 27 53 W 2 30 57		NCB	76	22	10.9	999	28.2	17.3	VST			
SJ918	DEEP PIT				5	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	SH SH SH SH SH	29.1 31.0 40.4 43.1 44.8	32.7 33.4 31.9 33.1 33.2
SJ919	WOLSTANTON COLL.	87394827	N53 1 53 W 2 11 17		NCB	75	152	9.6	1100	41.8	29.3	VST			
SJ920	FLORENCE COLL	090803875	N52 56 44 W 2 8 12		NCB	75	156	9.6	521	19.4	18.8	VST			
SJ921	FLORENCE COLL	091173920	N52 56 59 W 2 7 53		NCB	75	170	9.5	728	23.9	19.8	VST			

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. M	SUR- FACE TEMP	DEPTH (M)	TEMP C	TEMP GRAD C/KM	TYPE OF OBS	PAGE 17		CORR. TEMP C	CORR. TEMP GRAD C/KM
													TIME FROM CIRC	CORR. TEMP C		
SJ922	FLORENCE COLL	U90904010	N52 57 28 W 2 8 7		NCB	75	166	9.5	954	35.6	27.4	VST				
SJ923	FLORENCE COLL	U90644072	N52 57 48 W 2 8 21		NCB	78	170	9.5	1003	37.3	27.7	VST				
SJ924	FLORENCE COLL	U91003885	N52 56 47 W 2 8 2		NCB	78	167	9.5	963	35.0	26.5	VST				
SJ925	FLORENCE COLL	U91084022	N52 57 32 W 2 7 58		NCB	74	169	9.5	1006	38.6	28.9	VST				
SJ926	FLORENCE COLL	U91364282	N52 58 56 W 2 7 43		NCB	75	154	9.6	801	31.6	27.5	VST				
SJ927	HEM HEATH COLL	U87344113	N52 58 1 W 2 11 18		NCB	78	101	9.9	652	22.8	19.8	VST				
SJ928	HEM HEATH COLL	U89864072	N52 57 48 W 2 9 3		NCB	77	136	9.7	951	34.8	26.4	VST				
SJ929	HEM HEATH COLL	U86654276	N52 58 54 W 2 11 55		NCB	75	105	9.9	937	39.2	31.3	VST				
SJ930	SILVERDALE COLL	UR2484720	N53 1 17 W 2 15 40		NCB	76	150	9.6	537	20.4	20.1	VST				
SJ931	WOLSTANTON COLL	UR5545222	N53 4 0 W 2 12 56		NCB	78	184	9.9	910	31.3	23.5	VST				
SJ932	WOLSTANTON COLL	UR5345211	N53 3 56 W 2 13 7		NCB	78	154	10.1	925	31.8	23.5	VST				
SJ933	WOLSTANTON COLL	UR5265088	N53 3 16 W 2 13 11		NCB	78	131	10.2	875	33.1	26.2	VST				
SJ934	WOLSTANTON COLL	U86365172	N53 3 44 W 2 12 12		NCB	77	154	10.1	1036	38.1	27.0	VST				
SJ935	WOLSTANTON COLL	UR6455148	N53 3 36 W 2 12 7		NCB	78	153	10.1	1038	38.3	27.2	VST				
SJ936	SNEYD COLLIERY	U87164941	N53 2 29 W 2 11 29		NCB	56	150	9.6	1051	40.0	28.9	VST				
SJ940	SNEYD COLLIERY	U87254926	N53 2 24 W 2 11 24		NCB	57	148	9.6	1049 1053	39.7 40.1	28.7 29.0	VST VST				

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SJ941	SNEYD COLLIERY	U87205070	N53 3 11 W 2 11 27		NCB	56	168	10.0	929	32.2	23.9	VST			
SJ942	SNEYD COLLIERY	U87155080	N53 3 14 W 2 11 30		NCB	56	171	10.0	903	32.9	25.4	VST			
SJ943	SNEYD COLLIERY	U87105093	N53 3 18 W 2 11 32		NCB	57	170	10.0	954	36.3	27.6	VST			
SJ944	VICTORIA COLL	U86405485	N53 5 25 W 2 12 11		NCB	56	214	9.7	833	25.6	19.1	VST			
SJ945	VICTORIA COLL	U86255480	N53 5 23 W 2 12 19		NCB	56	216	9.7	689	21.4	17.0	VST			
SJ946	VICTORIA COLL	U86155475	N53 5 22 W 2 12 24		NCB	57	216	9.7	680	20.7	16.2	VST			
SJ947	DEEP PIT	U88504963	N53 2 36 W 2 10 17		NCB	56	175	9.5	609	25.9	26.9	VST			
SJ948	DEEP PIT	U88454978	N53 2 41 W 2 10 20		NCB	56	173	9.5	651	26.5	26.1	VST			
SJ949	DEEP PIT	U88384908	N53 2 18 W 2 9 57		NCB	57	164	9.5	604	25.3	26.2	VST			
SJ950	BERRY HILL COLL	U89654560	N53 0 26 W 2 9 15		NCB	57	138	9.7	900	34.4	27.4	VST			
SK 9	BECKINGHAM NO 28	79889012	N53 24 5 W 0 47 54		B.P	80	4	10.5	1040 1040	44.4 45.6	32.6 33.7	BHT	7H	49.4	37.4
SK 12	BECKINGHAM NO.1 (SK79SE/004)	79219037	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	BECKINGHAM NO.2 (SK78NE/024)	79288996	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	BECKINGHAM NO.3 (SK79SE/005)	78999024	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	BECKINGHAM NO.4 (SK79SE/006)	79119069	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.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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	BECKINGHAM NO.5 (SK79SE/007)	79529056	N53 24 20 W 0 48 13		B.P	64	2	10.5	988	28.9	18.6	BHT	3H	-	-
SK 17	BECKINGHAM NO.6 (SK79SE/034)	78389065	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	BECKINGHAM NO.7 (SK79SE/035)	78969102	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	BECKINGHAM NO.8 (SK79SE/022)	78559070	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	BECKINGHAM NO.9D (SK79SE/022A)	78559070	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	BECKINGHAM NO.10D (SK79SE/023)	78559070	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	BECKINGHAM NO.12D (SK79SE/027)	78999023	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	BECKINGHAM NO.13D (SK79SE/029)	78999023	N53 24 9 W 0 48 42		B.P	74	3	10.5	1161	42.2	27.3	BHT	3H	-	-
SK 25	BECKINGHAM NO.14D (SK79SE/024)	78559070	N53 24 25 W 0 49 5		B.P	75	3	10.5	1224	37.8	22.3	BHT	3H	-	-
SK 26	BECKINGHAM NO.15D (SK79SE/025)	78559070	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	BECKINGHAM NO.16D (SK79SE/026)	78559070	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	BECKINGHAM NO.17D (SK79SE/027)	78559070	N53 24 25 W 0 49 5		B.P	75	3	10.5	1115	35.0	22.0	BHT	12H	37.0	23.8
SK 29	BECKINGHAM NO.18 (SK79SE/032)	78419151	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	BECKINGHAM NO.19D (SK79SE/031A)	78429150	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	BECKINGHAM NO.20D (SK79SE/031B)	78429150	N53 24 51 W 0 49 12		B.P	75	3	10.5	1169	38.3	23.8	BHT	10H	40.8	25.7
SK 32	ROTHAMSALL NO.1 (SK67SE/001)	65867368	N53 15 20 W 1 0 45		B.P	58	34	10.3	1428	53.9	30.5	BHT			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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 33	BOTHAMSALL NO.2 (SK67SE/002)	65547392	N53 15 28 W 1 1 2	GEOCH	B.P	59	40	10.3	1082	42.0	29.3	DST			
									1135	37.8	24.2	BHT			
SK 34	BOTHAMSALL NO.3 (SK67SE/003)	66327421	N53 15 37 W 1 0 20	GEOCH	B.P	59	34	10.3	1022	43.0	32.0	DST			
									1344	32.5	16.5	LOG			
SK 35	CORINGHAM NO.1 (SK89SE/108)	89319273	N53 25 25 W 0 39 21		B.P	58	24	10.4	1661	58.9	29.2	BHT			
SK 36	CORINGHAM NO.2 (SK89SE/109)	88749287	N53 25 29 W 0 39 52	GEOCH	B.P	59	17	10.4	1642	55.6	27.5	BHT			
SK 37	CORINGHAM NO.3 (SK89SE/110)	89059353	N53 25 50 W 0 39 34		B.P	58	14	10.4	1219	57.8	38.9	BHT			
SK 38	BECKINGHAM NO 30	77049025	N53 24 11 W 0 50 27		B.P	80	36	10.3	1169	32.2	18.7	BHT	3H	- -	
SK 39	CORINGHAM NO.5 (SK89SE/111)	89289325	N53 25 41 W 0 39 21		B.P	59	19	10.4	1585	54.4	27.8	BHT			
SK 40	CORINGHAM NO.10 (SK89SE/010)	89339359	N53 25 52 W 0 39 18		B.P	75	17	10.4	1662	53.9	26.2	BHT	10H	59.9 29.8	
SK 41	GAINSBOROUGH 1 (SK89SW/001)	83269026	N53 24 8 W 0 44 51		B.P	59	27	10.3	1730	41.7	18.2	BHT			
SK 43	GAINSBOROUGH 29 (SK88NW/025)	82488895	N53 23 26 W 0 45 35		B.P	62	31	10.3	1501	48.3	25.3	BHT	4H	- -	
SK 53	GAINSBOROUGH 57 (SK89SW/051)	80399073	N53 24 25 W 0 47 26	GEOCH	B.P	65	3	10.5	1001	36.7	26.2	DST			
SK 54	GAINSBOROUGH 58 (SK89SW/052)	81599211	N53 25 9 W 0 46 19		B.P	64	3	10.5	1086	35.6	23.1	BHT	1H	- -	
SK 55	GAINSBOROUGH 59 (SK88NW/071)	80828919	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	GAINSBOROUGH 60 (SK88NW/072)	80338968	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	GAINSBOROUGH 61D (SK89SW/054)	82559148	N53 24 48 W 0 45 28		B.P	75	38	10.3	1605	47.8	23.4	BHT	6H	54.8 27.7	
									1607	47.8	23.3	BHT	15H	48.8 24.0	
SK 58	GAINSBOROUGH 62D (SK89SW/055)	82559148	N53 24 48 W 0 45 28		B.P	75	38	10.3	1622	47.8	23.1	BHT	11H	49.8 24.4	

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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 59	GROVE NO.1 (SK78SE/013)	75230070	N53 19 3 W 0 52 14	GEUCH	B.P	60	65	10.1	1423 1567	56.0 48.9	32.3 24.8	DST BHT			
SK 61	IRONVILLE NO.3 (SK45SW/004)	43245231	N53 3 57 W 1 21 16		B.P	56	121	7.8	836	33.3	28.1	BHT			
SK 62	IRONVILLE NO.4 (SK45SW/015)	43175190	N53 3 44 W 1 21 20	GEUCH	B.P	58	95	9.2	362 463	27.0 26.1	47.2 35.0	DST BHT			
SK 63	HIGH MARNHAM (SK87SW/004)	80937028	N53 13 23 W 0 47 15	GEUCH	B.P	59	9	10.4	1063 1156	43.0 37.2	30.7 23.2	DST BHT			
SK 64	MANSFIELD NO.1 (SK55NE/001A)	55515905	N53 7 31 W 1 10 13	GEUCH	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	MORTON NO.1 (SK79SE/008)	79329241	N53 25 20 W 0 48 22	GEUCH	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	48.7	29.5
SK 67	RANSKILL NO.1 (SK68NE/019)	64238814	N53 23 39 W 1 1 2	GEUCH	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	STAPLEFORD NO.1 (SK43NE/009)	49073595	N52 55 6 W 1 16 12		B.P	66	52	10.2	164	13.9	22.6	BHT	2H	-	-
SK 69	SOUTH LEVERTON 1 (SK78SE/009)	79338040	N53 18 51 W 0 48 32	GEUCH	B.P	60	8	10.5	1158 1538	45.8 47.2	30.5 23.9	LOG BHT			
SK 74	SOUTH LEVERTON L (SK77NE/020)	76207885	N53 18 3 W 0 51 23		B.P	62	21	10.4	1158	45.8	30.6	LOG			
SK 75	TORKSEY NO.4 (SK87NE/016)	85077922	N53 18 10 W 0 43 24		B.P	75	10	10.4	1843	63.9	29.0	BHT	26H	64.9	29.6
SK 76	TICKHILL (SK59SE/002)	57739297	N53 25 48 W 1 7 51		B.P	58	26	10.3	1709	71.7	35.9	BHT			
SK 77	WALKERINGHAM 1 (SK79SE/009)	75559190	N53 25 5 W 0 51 47	GEUCH	B.P	59	35	10.3	1664 1735	54.0 64.4	26.3 28.0	DST BHT			
SK 78	WALKERINGHAM 2 (SK79SE/010)	75839091	N53 24 33 W 0 51 32	GEUCH	B.P	63	31	10.3	1295 1689	47.2 53.0	28.5 25.3	DST DST			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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 79	BABSWORTH (SK68SE/027)	68958027	N53 18 52 W 0 57 53		NCB	53	30	10.3	988	39.2	29.3	LOG			
SK 80	DARNBY MOOR (SK68SE/016)	66308364	N53 20 42 W 1 0 14		NCB	60	18	10.4	815 1029	30.6 40.0	24.8	BHT BHT			
SK 81	BILBY (SK68SW/004)	63858338	N53 20 35 W 1 2 27		NCB	61	20	10.4	1015	40.6	29.8	LOG			
SK 82	CARR BANK (SK65NW/002)	63975579	N53 5 42 W 1 2 40		NCB	62	66	10.1	942	42.8	34.7	LOG			
SK 83	CLIPSTON (SK63SW/008)	64163384	N52 53 52 W 1 2 46		NCB	56	76	10.0	569	19.7	17.0	LOG			
SK 84	COTGRAVE NO.1 (SK63NE/009)	65113642	N52 55 15 W 1 1 53		NCB	55	46	10.2	585	28.9	32.0	LOG			
SK 85	COTGRAVE NO.3 (SK63NW/041)	64943595	N52 55 0 W 1 2 2		NCB	55	30	10.3	573	29.4	33.0	LOG			
SK 93	MATTERSEY (SK68NE/016)	68628898	N53 23 34 W 0 58 4		NCB	55	8	10.5	1143	50.0	34.6	LOG			
SK 95	NORNAY (SK68NW/012)	62518868	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	- -	- -
SK 97	PAPPLEWICK (SK55SW/031)	54685213	N53 3 47 W 1 11 2	HF	2	57	92	9.9	240 355 625 847	16.1 19.8 30.1 32.7	25.8 27.9 32.3 26.9	EQM EQM EQM EQM			
SK 99	RANBY CAMP (SK68SE/035)	66388075	N53 19 9 W 1 0 12	HF	2	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	EQM EQM EQM EQM EQM EQM EQM EQM EQM EQM			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SK101	RANBY HALL (SK68SW/009)	64878237	N53 20 2 W 1 1 32	HF	2	57	30	10.3	154	11.9	10.4	EQM			
									272	14.6	15.8	EQM			
									504	21.6	22.4	EQM			
									616	25.3	24.4	EQM			
									698	28.8	26.5	EQM			
									785	32.8	28.7	EQM			
									829	34.8	29.6	EQM			
975	40.3	30.8	EQM												
SK102	SCAFTWORTH (SK69SE/010)	67619167	N53 25 2 W 0 58 57	HF	2	57	19	10.4	225	11.7	5.8	EQM			
									355	14.2	10.7	EQM			
									442	16.7	14.3	EQM			
									703	25.4	21.3	EQM			
									750	27.4	22.7	EQM			
									830	29.6	23.1	EQM			
									884	32.3	24.8	EQM			
966	35.2	25.7	EQM												
1146	43.6	29.0	EQM												
SK103	TORWORTH (SK6BNW/002)	64958559	N53 21 46 W 1 1 26		B.P	53	25	10.3	1848	53.3	23.3	BHT	5H	69.3	31.9
									1848	59.4	26.6	BHT	12H	63.4	28.7
									1849	61.1	27.5	BHT	20H	62.6	28.3
SK104	WEST DRAYTON 2 (SK67SE/030)	69867404	N53 15 30 W 0 57 10		NCB	53	29	10.3	980	33.8	24.0	BHT			
									1158	38.9	24.7	BHT			
SK105	CALOW NO.1 (SK47SW/043)	40847041	N53 13 44 W 1 23 16	GEOCH	B.P	58	125	9.8	621	31.1	34.3	BHT			
									1110	46.0	32.6	DST			
									1133	40.0	26.7	LOG			
SK107	EYAM (SK27NW/015)	20967603	N53 16 50 W 1 41 8	HF	OXU	73	230	9.1	622	11.3	3.5	EQM			
SK112	HANDSACRE HALL (SK01NE/059)	08841558	N52 44 14 W 1 52 8		NCB	66	76	10.0	689	21.1	16.1	BHT			
SK113	EGMANTON NO 68	75786822	53 12 19 W 0 51 55		B P	80	38	10.3	1121	45.0	31.0	BHT	4H	-	-
									1121	45.6	31.5	BHT	19H	46.1	31.9
									1121	46.1	31.9	BHT	6H	53.1	38.2
									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									
SK123	APPLEYHEAD NO.1 (SK67NE/013)	65517631	N53 16 46 W 1 1 2		B.P	60	42	10.2	1467	48.9	26.4	BHT			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SK124	BLYTON	84349555	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 DHT	8H	58.6	26.4
SK125	BOTHAMSALL NO.4	66197401	N53 15 31 W 1 0 27		B.P	59	41	10.3	1106	43.3	29.8	BHT			
SK126	BOTHAMSALL 5(1)	66597344	N53 15 12 W 1 0 6		B.P	59	34	10.3	1388	40.6	21.8	BHT			
SK127	BOTHAMSALL 5(2)	66597344	N53 15 12 W 1 0 6		B.P	59	34	10.3	881	40.6	34.4	LOG			
SK128	BOTHAMSALL NO.6	65517355	N53 15 16 W 1 1 4		B.P	59	37	10.3	1147	41.1	26.9	BHT			
SK129	BOTHAMSALL NO.7	65927311	N53 15 2 W 1 0 42		B.P	59	38	10.3	984	33.3	23.4	BHT			
SK130	BOTHAMSALL NO.8	65847397	N53 15 30 W 1 0 46		B.P	59	42	10.2	1028	37.2	26.3	BHT			
SK131	BOTHAMSALL NO.9	66007421	N53 15 37 W 1 0 37		B.P	59	45	10.2	1021	36.7	26.0	BHT			
SK132	BOTHAMSALL NO.10	66167452	N53 15 47 W 1 0 28		B.P	59	41	10.3	1120	39.4	26.0	BHT			
SK133	BOTHAMSALL NO.12	65717424	N53 15 39 W 1 0 53		B.P	60	45	10.2	1042	32.2	21.1	BHT			
SK134	BOTHAMSALL NO.13 (SK67SE/013)	67277381	N53 15 24 W 0 59 29		B.P	59	37	10.3	884	33.3	26.0	BHT			
SK135	BOTHAMSALL NO.14	66167352	N53 15 15 W 1 0 29		B.P	60	32	10.3	991	35.6	25.5	BHT			
SK136	BOTHAMSALL NO.15	66217474	N53 15 54 W 1 0 25		B.P	60	38	10.3	1036	38.9	27.6	BHT			
SK137	BOTHAMSALL NO.16	66507448	N53 15 46 W 1 0 10		B.P	59	35	10.3	992	33.9	23.8	BHT			
SK138	BOTHAMSALL NO.17	66437296	N53 14 57 W 1 0 15		B.P	60	31	10.3	1034	36.1	25.0	BHT			
SK139	BOTHAMSALL NO.18 (SK67SE/013)	66087281	N53 14 52 W 1 0 34		B.P	60	37	10.3	908	39.4	32.0	LOG			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SK140	BOTHAMSALL NO.19 (SK67SE/019)	66747439	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			
SK141	BOTHAMSALL NO.20 (SK67SE/020)	65897466	N53 15 52 W 1 0 42		NCB	60	33	10.3	823	39.6	35.6	LOG			
SK142	CALOW NO.4	40977002	N53 13 31 W 1 23 10		GAS	63	109	7.8	339	28.3	54.6	BHT			
SK143	CAUNTON NO.20	73646080	N53 8 20 W 0 53 56		B.P	52	55	10.2	730	25.0	20.3	BHT			
SK144	CAUNTON NO.21	73636033	N53 8 5 W 0 53 57		B.P	53	28	10.3	684	23.3	19.0	BHT			
SK145	CAUNTON NO.22	73356019	N53 8 1 W 0 54 12		B.P	54	31	10.3	713	29.4	26.8	BHT			
SK146	COLSTN BASSET S (SK73SW/001)	70403137	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	89489252	N53 25 18 W 0 39 12		B.P	60	24	10.4	1657	52.2	25.2	BHT			
SK148	CORRINGHAM NO.7	89629298	N53 25 32 W 0 39 3		B.P	60	20	10.4	1734	55.6	26.1	BHT			
SK149	CORRINGHAM NO.8	89669362	N53 25 53 W 0 39 1		B.P	61	18	10.4	1615	58.9	30.0	BHT			
SK150	CORRINGHAM NO.9	89949333	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	68763510	N52 54 31 W 0 58 38		NCB	58	46	10.2	1116	35.6	22.8	BHT			
SK152	CROPWELL BUTLER (SK63NE/012)	68133869	N52 56 27 W 0 59 9	GEOCH	NCB	58	60	10.1	763 976	40.0 31.7	31.0 22.1	DST BHT			
SK153	DUKES WOOD NO.19	67775985	N53 7 52 W 0 59 12		B.P	54	90	10.0	671	33.9	35.6	BHT			
SK154	EGMANTON NO.9	76686739	N53 11 52 W 0 51 7		B.P	59	28	10.3	1064	43.3	31.0	BHT			

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SK155	EGMANTON NO.14	76976774	N53 12 3 W 0 50 50		B.P	56	23	10.4	1009	47.8	37.1	BHT			
SK156	EGMANTON NO.22	76746802	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)	73996907	N53 12 47 W 0 53 30		NCB	57	43	10.2	893	40.6	34.0	LOG			
SK159	GAINSBOROUGH 510				B.P		19	10.4	1548	48.3	24.5	BHT	5H	57.3	30.3
SK160	GLENTWORTH NO.1	93128806	N53 22 51 W 0 36 59	GEOCH	B.P	61	23	10.4	1594 1826	58.3 60.0	30.1 27.2	BHT DST			
SK161	GLENTWORTH NO.2	92878724	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	GLENTWORTH NO.3	93288870	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	GLENTWORTH NO.4	91478815	N53 22 55 W 0 37 28		B.P	62	25	10.4	1608	50.0	24.6	BHT	4H	-	-
SK164	GLENTWORTH NO.5	93948753	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	GRANBY NO.1	75313683	N52 55 24 W 0 52 46		B.P	54	35	10.3	936	28.3	19.2	BHT			
SK166	GRANBY NO.2	76873746	N52 55 43 W 0 51 22		B.P	55	28	10.3	909	29.4	21.0	BHT			
SK167	LANGAR NO.1 (SK73NW/004)	71903550	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	LANGAR NO.2	71653574	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	LANGAR NO.4	72153535	N52 54 37 W 0 55 37		B.P	58	27	10.3	962	36.7	27.4	BHT			
SK170	LANGAR NO.6 (SK73NW/009)	70883612	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.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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/U03)	70817229	N53 14 33 W 0 56 19		B.P	62	29	10.3	789	40.6	38.4	LOG			
SK173	TUXFORD	72187049	N53 13 34 W 0 55 7		B.P	56	78	10.0	1306	62.8	40.4	BHT			
SK174	PATHWAY (SK01NE/102)	07211978	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	WASSINGFIELD 1 (SK63NW/045)	61223722	N52 55 43 W 1 5 20		NCB	61	28	10.3	488	23.6	27.3	LOG			
SK176	BESTHORPE	82866543	N53 10 45 W 0 45 36		NCB	76	90	10.0	900	39.0	32.2	BHT			
SK177	BEVERCOTES PARK (SK67SE/034)	69307172	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)	72523935	N52 56 46 W 0 55 13		NCB	59	23	10.4	732	28.3	24.5	LOG			
SK179	BLYTHE (SK68NW/014)	61008694	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	81073417	N52 53 54 W 0 47 40		NCB	76	62	10.1	614	25.8	25.6	BHT			
SK181	CASTLE VIEW	71892775	N52 50 31 W 0 55 57		NCB	76	64	10.1	573	24.9	25.8	BHT			
SK182	CLAWSON HILL (SK72NW/006)	72372575	N52 49 26 W 0 55 32		NCB	76	33	10.3	638	25.6	24.0	BHT			
SK183	EGMANTON 67	19643290	N52 53 34 W 1 42 28		B.P	67	76	10.0	1003	40.0	29.9	BHT	2H	-	-
SK184	DENTON LODGE (SK83SE/532)	85833321	N52 53 20 W 0 43 27		NCB	76	103	9.9	778	27.0	22.0	BHT			
SK185	DUKES COTTAGE 1	57435003	N53 2 39 W 1 8 35		NCB	67	77	10.0	695	27.8	25.6	BHT			
SK186	EADY FARM (SK73NE/009)	79583713	N52 55 31 W 0 48 57	HF	NCB	76	30	10.3	765	35.8	33.3	BHT			
SK187	EATON HALL	71027810	N53 17 41 W 0 56 3		NCB	57	20	10.4	981	39.2	29.4	LOG			

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SK188	EPPERSTONE NO.1 (SK64NW/014)	64144896	N53 2 1 W 1 2 36		NCB	63	37	10.3	716	36.4	36.5	LOG			
SK189	ELKESLEY (SK67NE/032)	67887603	N53 16 35 W 0 58 54		NCB	62	42	10.2	876	41.1	35.3	LOG			
SK190	FARLEY'S WOOD 3 (SK77SW/005)	70627162	N53 14 12 W 0 56 30		NCB	57	56	10.2	853	39.4	34.2	LOG			
SK191	FLAWFORD FARM (SK85NE/015)	85875528	N53 5 15 W 0 43 3		NCB	75	17	10.4	757	29.8	25.6	LOG			
SK192	FOREST LANE	55485104	N53 3 12 W 1 10 19		NCB	67	83	10.0	698	30.0	28.7	BHT			
SK193	GAMSTON (SK63NW/044)	60313774	N52 56 0 W 1 6 9		NCB	61	24	10.4	454	25.0	32.2	BHT	3H	-	-
SK194	GLAPWELL VILLAGE (SK46NE/019)	48236639	N53 11 31 W 1 16 40		NCB	59	177	9.4	381	21.1	30.7	LOG			
SK195	GOOSEDALE FARM (SK54NE/022)	56384942	N53 2 19 W 1 9 32	HF	2	56	91	10.0	191 265 364 534	13.9 16.1 19.7 25.5	20.4 23.0 26.6 29.0	EQM EQM EQM EQM			
SK196	GROVE PARK (SK77NW/015)	73077883	N53 18 4 W 0 54 12		NCB	76	45	10.2	1084	35.5	23.3	BHT			
SK197	GUNTHORPE GRANGE (SK64SE/023)	67244482	N52 59 46 W 0 59 52		NCB	62	17	10.4	674 677	32.8 32.2	33.2 32.2	LOG BHT			
SK198	HARBY HILL (SK72NE/044)	76432705	N52 50 6 W 0 51 54		NCB	76	148	9.6	803	27.7	22.5	LOG			
SK199	HARSTON HALL (SK83SW/102)	83183185	N52 52 38 W 0 45 50		NCB	76	75	10.0	686	33.4	34.1	BHT			
SK200	HARTSWELL (SK65SW/016)	64455444	N53 4 58 W 1 2 16		NCB	61	66	10.1	924	35.3	27.3	LOG			
SK201	HICKLING BRIDGE (SK62NE/001)	68952987	N52 51 41 W 0 58 32		NCB	76	41	10.3	544	22.5	22.4	BHT			
SK202	HILLS FARM (SK73SW/005)	70993233	N52 53 0 W 0 56 41		NCB	76	30	10.3	676	26.6	24.1	BHT			

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SK203	HOLME GRANGE (SK63NW/043)	61213866	N52 56 29 W 1 5 20		NCB	62	21	10.4	479	24.4	29.2	LOG			
SK204	HOLWELL MOUTH (SK72SW/042)	72702415	N52 48 34 W 0 55 17		NCB	76	153	9.6	679	27.8	26.8	BHT			
SK205	KING JOHN	59956426	N53 10 18 W 1 6 10		NCB	68	82	10.0	930	29.4	20.9	BHT	2H	-	-
SK206	KIRTON (SK66NE/003)	69886914	N53 12 52 W 0 57 12		NCB	58	53	10.2	835	36.7	31.7	LOG			
SK207	KNEESHALL (SK76SW/020)	71356438	N53 10 17 W 0 55 56		NCB	57	88	10.0	814	35.0	30.7	LOG			
SK208	REDMILE BRIDGE	79473568	N52 54 44 W 0 49 5		NCB	76	41	10.3	677	26.8	24.4	BHT			
SK209	ROTHERWOOD (SK31NW/260)	34581559	N52 44 11 W 1 29 16		IGS	77	107	9.9	198	14.0	20.7	BHT			
SK210	LAXTON (SK76NW/036)	715 671	N53 11 46 W 0 55 42		NCB	57	78	10.0	902	40.0	33.3	LOG			
SK211	LONGDALE LANE	57365230	N53 3 52 W 1 8 37		NCB	68	122	9.8	762	26.7	22.2	BHT	3H	-	-
SK212	LOUND (SK78NW/002)	70448585	N53 21 52 W 0 56 28		NCB	57	9	10.4	1052	41.1	29.2	LOG			
SK213	MAPLE BECK (SK76SW/025)	71566066	N53 3 16 W 0 55 48		NCB	76	41	10.3	642	25.0	22.9	LOG			
SK214	MEADOW LANE	72823006	N52 51 46 W 0 55 5		NCB	76	40	10.3	652	24.5	21.8	BHT			
SK215	MILL MOUNT	73037196	N53 14 21 W 0 54 20		NCB	73	68	10.1	858	32.2	25.8	BHT	4H	-	-
SK216	MISSON (SK69NE/008)	695 958	N53 27 14 W 0 57 11		HF	2	55	6	10.5	787	24.6	EQM			
										851	27.1	19.5	EQM		
										930	30.6	21.6	EQM		
										982	32.8	22.7	EQM		
										1104	37.5	24.5	EQM		
										1192	41.3	25.8	EQM		

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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	NORTH LAITHES (SK66SE/115)	67586429	N53 10 16 W 0 59 19		NCB	76	74	10.1	655	25.4	23.4	LOG			
SK218	OLLERTON COLL. (SK66NE/011)	672 665	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	PLUNGAR NO.23	76303124	N52 52 45 W 0 51 57		NCB	59	59	10.1	353	30.0	23.3	BHT			
SK222	SALTERFORD FARM (SK65SW/019)	60575283	N53 4 8 W 1 5 45		NCB	61	75	10.1	810	31.5	26.4	LOG			
SK224	SWINDERDY (SK86NE/027)	37396620	N53 11 7 W 0 41 31		NCB	76	17	10.4	964	34.0	24.5	BHT	1H	-	-
SK225	TERRACE HILLS (SK83SW/101)	80293173	N52 52 36 W 0 48 25		NCB	76	143	9.6	793	30.2	26.0	BHT			
SK226	TWYFORD BRIDGE (SK67NE/031)	69807545	N53 16 16 W 0 57 11		NCB	62	23	10.4	907	38.9	31.4	BHT			
SK227	WALTHAM LANE	79612754	N52 50 20 W 0 49 4		NCB	76	144	9.6	768	29.5	25.2	BHT			
SK228	WELBECK COLLIERY (SK57SE/010)	58027004	N53 13 26 W 1 7 51		NCB	60	70	10.1	942	38.3	29.9	LOG			
SK229	WHEATGRASS (SK75NW/013)	73675543	N53 5 26 W 0 53 59		NCB	76	36	10.3	629	24.0	21.8	BHT	12H	26.0	25.0
SK230	WIEGSLEY	84736981	N53 13 5 W 0 43 50		NCB	76	7	10.5	1000	36.0	25.5	BHT			
SK231	WILLOW FARM (SK72NE/041)	75432948	N52 51 25 W 0 52 46		NCB	76	66	10.1	716	27.8	24.7	BHT			
SK232	WISETON (SK79NW/008)	71718924	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	WOOLSTHORPE BRDG (SK83SW/099)	84343483	N52 54 15 W 0 44 45		NCB	76	66	10.1	784	31.0	26.7	BHT			
SK234	APLEYHEAD NO.2	65777664	N53 16 56 W 1 0 48		B.P	60	51	10.2	1112	38.3	25.3	BHT			

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SK235	APLEYHEAD NO.3	65587581	N53 16 29 W 1 0 58		B.P	60	30	10.3	1088	35.0	22.7	HHT			
SK237	BINGHAM NO.2 (SK73NW/001)	71693956	N52 56 53 W 0 55 58	GEOCH	B.P	60	21	10.4	807 821 878	36.1 37.8 37.4	31.8 33.4 33.0	DST DST DST			
SK238	REDMILE NO.1	80873340	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	TORKSEY NO.1	85207868	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	EAKRING 5	67736112	N53 8 33 W 0 59 14	HF	1	43	83	10.0	305 457 599	19.2 29.7 41.1	30.2 43.1 51.9	EQM EQM EQM			
SK241	EAKRING.6	67036142	N53 8 43 W 0 59 51	HF	1	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	EAKRING 64	67035920	N53 7 31 W 0 59 53	HF	1	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			
SK243	EAKRING 141	68305922	N53 7 31 W 0 58 45	HF	1	43	80	10.0	305 457 606	17.8 29.1 39.5	25.6 41.8 48.7	EQM EQM EQM			
SK244	CAUNTON 11	73516031	N53 8 4 W 0 54 3	HF	1	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			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SK245	KELHAM HILLS 1	75945760	N53 6 35 W 0 51 55	HF	1	43	52	10.2	305	16.4	20.3	ERM			
									457	19.3	19.9	ERM			
									610	26.1	26.1	ERM			
									668	28.4	27.2	ERM			
SK246	LONG BENNINGTON	806 459	N53 0 14 W 0 47 55	HF	OXU		18	10.4	230	16.5	26.5	ERM			
SK247	TORKSEY NO.3	85457841	N53 17 44 W 0 43 4		B.P	63	5	10.5	1126	41.1	27.2	DST			
									1422	51.7	29.0	DST			
									1423	52.2	29.3	DST			
SK248	TORKSEY NO.2	85917766	N53 17 19 W 0 42 40		B.P	63	5	10.5	772	32.2	28.1	DST			
									1321	42.2	24.0	DST			
									1423	43.3	23.0	DST			
SK249	SOUTH LEVERTON 3	79338040	N53 18 52 W 0 48 33		B.P	61	11	10.4	1128	50.6	35.6	BHT			
SK250	BLIDWORTH COLL.				NCB	69		10.5	924	31.7	22.9	BHT			
SK251	SOUTH LEVERTON 2 (SK77NE/009)	78877921	N53 19 12 W 0 48 26		B.P	61	15	10.4	1158	49.4	33.7	BHT	5H	58.4	41.5
SK252	SOUTH LEVERTON 6 (SK77NE/010)	79097992	N53 18 36 W 0 48 46		B.P	61	11	10.4	1283	49.4	30.4	BHT	4H	-	-
SK253	SOUTH LEVERTON 5 (SK78SE/021)	79648026	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)	78637896	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)	71003382	N52 53 48 W 0 56 39		NCB	58	33	10.3	884	39.9	33.5	LOG			
									1305	48.9	29.6	BHT			
SK267	GROVE 2 RETFORD	74108035	N53 18 52 W 0 53 15		GEOCH	75	91	10.0	167	13.2	19.2	DST			
SK269	NEWTON 2	82617425	N53 15 30 W 0 45 41		GEOCH	75	8	10.5	247	17.8	29.6	DST			
SK270	NEWTON 3	82087386	N53 15 18 W 0 46 10		GEOCH	75	6	10.5	251	17.3	27.1	DST			

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SK271	SOUTH SCARLE	85586505	N53 10 31 W 0 43 10		GEOCH	75	9	10.4	292	20.5	34.6	DST			
SK272	RAMPTON HOSPITAL	77607760	N53 17 21 W 0 50 8		GEOCH	75	20	10.4	182	14.4	22.0	DST			
SK275	GAINSBORO 1	81608890	N53 23 25 W 0 46 22		GEOCH	75	5	10.5	224	15.2	21.0	DST			
SK276	GAINSBORO 2	81608890	N53 23 25 W 0 46 22		GEOCH	75	5	10.5	322	17.8	22.7	DST			
SK277	CORRINGHAM RD	832 903	N53 24 9 W 0 44 54		GEOCH	75	28	10.3	280	15.9	20.0	DST			
SK283	GAINSBORO 3	81608190	N5 31 38 W 0 46 28		GEOCH	75	4	10.5	321	18.1	23.7	DST			
SK284	NEWMARK	81205420	N53 4 42 W 0 47 15		GEOCH	75	15	10.4	245	15.2	19.6	DST			
SK293	CORRINGHAM	899 936	N53 25 53 W 0 38 48	HF	OXU		18	10.4	390	22.8	31.8	ERM			
SK301	OVERFIELD (SK21NW/015)	23171526	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)	23031813	N52 45 35 W 1 39 31		NCB	75	67	10.1	706	22.8	18.0	LOG			
SK303	LADY LEYS (SK21SW/004)	24031394	N52 43 20 W 1 38 39		NCB	76	85	10.0	749	21.1	14.8	BHT			
SK304	BULLS HEAD	24011684	N52 44 53 W 1 38 39		NCB	77	70	10.1	340	20.0	29.1	BHT			
SK305	COTON HALL FM	18710556	N52 38 49 W 1 43 24		NCB	77	57	10.2	568	15.0	8.5	BHT			
SK306	COMBERFORD LANE (SK20NW/021)	20100669	N52 39 25 W 1 42 10		NCB	76	70	10.1	657	20.4	15.7	BHT			
SK307	KIRBY LANE (SK71NW/001)	73241759	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)	73342074	N52 46 44 W 0 54 45		NCB	75	119	9.8	587 594	24.4 27.2	24.9 29.3	BHT BHT			

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SK309	GLEBE FM (SK72SW/043)	70862141	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)	69322306	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	-	-
SK311	ASFORDBY FM (SK72SW/045)	71592020	N52 46 27 W 0 56 19		NCB	76	107	9.9	650	25.3	23.7	BHT	1H	-	-
SK312	WARTNABY (SK72SW/044)	71482243	N52 47 39 W 0 56 23		NCB	76	139	9.6	635	22.8	20.8	BHT	2H	-	-
SK313	GREAT FARMLANDS (SK72SW/046)	74572229	N52 47 33 W 0 53 38		NCB	76	138	9.6	892	31.7	24.8	BHT			
SK314	AB KETTLEBY (SK72SW/047)	72632263	N52 47 45 W 0 55 21		NCB	76	129	9.7	671 675	24.4 26.4	21.9 24.7	BHT BHT	5H	33.4	35.3
SK315	WELBY CHURCH (SK72SW/048)	72262084	N52 46 47 W 0 55 42	HF	NCB	76	108	9.9	429 430 615 617	20.0 20.4 27.0 26.7	23.5 24.4 27.8 27.2	BHT BHT BHT BHT	23H 25H	20.0 26.7	23.5 27.2
SK316	HATTON LODGE (SK62SE/003)	69332460	N52 48 50 W 0 58 16		NCB	76	77	10.0	541 546	22.8 25.0	23.7 27.5	BHT BHT	2H	-	-
SK317	GRIMSTON (SK62SE/002)	68522090	N52 46 51 W 0 59 2		NCB	76	96	9.9	591 592	21.5 27.8	19.6 30.2	BHT BHT	3H	31.8	37.0
SK318	MELTON SPINNEY (SK72SE/009)	76752256	N52 47 41 W 0 51 41		NCB	76	124	9.8	614 614	25.1 28.9	24.9 31.1	BHT BHT	4H	-	-
SK319	STONEPIT SPINNEY (SK72SW/049)	70872353	N52 48 15 W 0 56 54		NCB	76	163	9.5	656	31.1	32.9	BHT	8H	35.1	39.0
SK320	PERKINS LANE (SK62SE/004)	68082244	N52 47 41 W 0 59 24		NCB	76	155	9.6	619	23.3	22.1	BHT	8H	27.3	28.6
SK321	FREEDY VIEW FM	79642341	N52 48 7 W 0 49 6		NCB	76	156	9.6	682	32.0	32.8	BHT			
SK361	BLACKWELL LODGE (SK82NW/040)	84552922	N52 51 12 W 0 44 39		NCB	75	155	9.6	650	32.2	34.8	BHT	3H	-	-
SK371	PLUNGAR NO 17 (SK73SE/017)	76633173	N52 52 38 W 0 51 40		NCB	56	60	10.1	998	34.4	24.3	BHT			

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SK390	WALK FARM (SK88NE/U07)	85578773	N53 22 45 W 0 42 48		NCB	76	22	10.4	1353	43.0	24.1	LOG			
SK391	SUTTON QUARRY R (SK68SE/044)	68908394	N53 20 51 W 0 57 53		NCB	76	14	10.4	1058	44.5	32.2	LOG			
SK392	STOW (SK88SE/010)	88118092	N53 19 3 W 0 40 37		NCB	76	16	10.5	1394	44.7	24.5	LOG			
SK393	STENWITH (SK83NW/011)	83353683	N52 55 19 W 0 45 36		NCB	76	45	10.2	723	31.5	29.5	LOG			
SK395	KELCROFT CLOSE (SK83SW/104)	81083417	N52 53 54 W 0 47 40		NCB	76	61	10.1	614	25.8	25.6	LOG			
SK397	BONDHAY LANE (SK57NW/058)	51597789	N53 17 42 W 1 13 33		NCB	76	138	9.7	750	30.5	27.7	LOG			
SK407	TWYXCROSS	33870564	N52 38 49 W 1 29 57	HF	IGS	79	122	9.8	490	20.6	22.0	LOG	18H	21.1	23.1
SK413	BOTHAMSALL NO 22 (SK67SE/022)	66387425	N53 15 38 W 1 0 17		B P	80	34	10.3	1108 1108 1108	46.7 48.9 61.1	32.9 34.8 45.8	BHT BHT BHT	14H 4H	50.4 -	36.2 -
SK415	BECKINGHAM NO 25	77069025	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	BECKINGHAM NO 26	76999025	N53 24 11 W 0 50 30		B P	80	36	10.3	1112	40.6	27.2	BHT	4H	-	-
SK417	BECKINGHAM NO 27	76999026	N53 24 11 W 0 50 30		B P	80	36	10.3	1000	31.1	20.8	BHT	6H	38.1	27.8
SK418	BOTHAMSALL 23	66377426	N53 15 39 W 1 0 17		B.P	81		10.5	1091	46.7	33.2	BHT	3H	-	-
SK419	SAUNDBY NO1	79528912	N53 23 33 W 0 48 14		B.P	81		10.5	1226 1226 1227	40.0 40.6 41.1	24.1 24.6 24.9	BHT BHT BHT	2H 7H 12H	- 45.6 43.1	- 28.6 26.6
SK420	SAUNDBY NO2	79518912	N53 23 33 W 0 48 15		B.P	81	4	10.5	1096	33.9	21.4	BHT	3H	-	-
SK421	GROVE NO3	76278134	N53 19 23 W 0 51 17		B.P	81	59	10.1	633	28.9	29.6	BHT	4H	-	-

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SK901	CLIPSTON COLL.	61586443	N53 10 23 W 1 4 43		NCB	76	91	10.0	860	31.1	24.5	VST			
SK902	WELBECK	62217373	N53 15 23 W 1 4 2		NCB	74	46	10.2	715	27.5	24.2	VST			
SK903	MALTHY	55259347	N53 26 5 W 1 10 5		NCB		76	10.0	822	34.5	29.8	VST			
SK904	HARWORTH NW	59959400	N53 26 20 W 1 5 50		NCB		15	10.4	820	31.8	26.1	VST			
SK905	HARWORTH NE	65629530	N53 27 0 W 1 0 42		NCB		15	10.4	902 902	31.2 31.4	23.1 23.3	VST VST			
SK906	NEWSTEAD	564 535	N53 4 31 W 1 9 28		NCB		129	9.7	760	32.5	30.0	VST			
SK907	HUCKNALL	56695042	N53 2 51 W 1 9 15		NCB		76	10.0	676	31.8	32.2	VST			
SK908	HUCKNALL NO.1	56645057	N53 2 56 W 1 9 17		NCB		73	10.1	684	31.7	31.6	VST			
SK909	ROSSINGTON B20	62429591	N53 27 21 W 1 3 35		NCB	74	20	10.4	885	33.0	25.5	VST			
SK910	YORKSHIRE MAIN	546 966	N53 27 46 W 1 10 39		NCB	74	84	10.0	877	35.0	28.5	VST			
SK911	DOLSOVER	45237086	N53 13 57 W 1 19 20		NCB	72	76	10.0	610	27.1	28.0	VST			
SK912	CLIPSTONE Y1	582 631	N53 9 41 W 1 7 45		NCB	75	107	9.9	908	35.5	28.2	VST			
SK913	RUFFORD Y5	591 610	N53 8 33 W 1 6 58		NCB	75	114	9.3	815	32.9	28.3	VST			
SK914	RUFFORD Y2	58335982	N53 7 55 W 1 7 41		NCB	75	117	9.3	759	32.2	29.5	VST			
SK915	HOLLYBANK COLL.	U045 045	N52 38 16 W 1 56 0		5	21	158	9.5	729	22.9	18.4	CFM			
SK917	BRERETON COLL.	U045 150	N52 43 56 W 1 56 0		NCB	57		10.5	317	13.4	9.1	VST			

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SN 4	GELLI ISAF FARM (SN90SE/054)	99120427	N51 43 39 W 3 27 38		IGS	75	137	10.7	182	16.4	31.3	LOG			
SN 5	BARAN NO.6 (SN60NE/006)	68880719	N52 39 28 W 0 58 54		NCB		840	11.5	1125	40.0	25.3	BHT			
SN 6	BETWS NO.3	66940969	N51 46 10 W 3 55 42		NCB		324	9.6	1105	30.0	18.5	BHT	2H	-	-
SN 7	CYNHEIDRE 6/5	53520949	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	51960848	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	51530845	N51 45 16 W 4 9 4		NCB		252	10.0	750	30.0	26.7	BHT	4H	-	-
SN 10	TREFORGAN NO.2	79480789	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)	72900696	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	81800672	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)	50170734	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)	50570697	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)	50830827	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)	51190761	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)	51360635	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)	51920810	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)	53140073	N51 46 1 W 4 7 42		NCB	62	205	10.3	824	32.8	27.3	BHT	3H	-	-

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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 20	CYNHEIDRE 6/3 (SN50NW/013)	53330879	N51 45 29 W 4 7 30		NCB	62	211	10.2	1018	41.7	30.9	BHT	3H	-	-
SN 21	GLANFRED (SN68NW/001)	63058812	N52 28 24 W 4 0 59	HF	OXU	74	14	10.9	397	19.3	21.2	ERM			
SN201	MAIN NO.1 COLL.	U738 003	N51 41 12 W 3 49 33		3	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	RESOLVEN COLL.	U835 028	N51 42 40 W 3 41 11		3	24	338	9.5	207	12.2	13.0	CFM	27H	12.2	13.0
SN203	GLYN CASTLE PIT	U846 020	N51 42 15 W 3 40 12		3	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
SN204	PONT HENRY	U483 097	N51 45 53 W 4 11 54		4	24	65	11.1	311 343	19.1 19.3	25.7 23.9	CFM CFM	2H 2H	- -	- -
SN905	NEW CROSSHANDS	U563 131	N51 47 51 W 4 5 2		4	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	U712 120	N51 47 28 W 3 52 3		4	24	287	9.8	311 360 472 498 536	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	U756 064	N51 44 31 W 3 48 7		4	24	160	10.5	420 477	18.9 24.2	20.0 28.7	CFM CFM	2H 2H	- -	- -
SN908	HONVILLE COURT	U125 054	N51 42 55 W 4 42 52		4	24	53	11.2	183 254	15.6 17.2	24.0 23.6	CFM CFM	2H 2H	- -	- -
SO 13	NETHERTON NO.1 (S094SE/001)	29824138	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	MALVERN GAS WORK	788 492	N52 8 25 W 2 18 35	HF	OXU		50	10.7	245	15.0	17.6	ERM			
SO 15	OMBERSLEY	837 629	N52 15 49 W 2 14 19		OXU		40	10.8	175	12.6	10.3	ERM			
SO 44	DADLINGTON 1 (S049NE/001)	49849910	N52 35 13 W 2 44 25		NCB	78	41	10.8	357	30.0	53.8	BHT	8H	34.0	65.0

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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 45	KEMPSEY (SO84NE/002)	86094933	N52 3 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	78883229	N51 59 17 W 2 18 27		IGS	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)	89503662	N52 1 38 W 2 9 11		IGS	81	32	10.8	257	18.1	28.4	LOG	24H	18.1	28.4
SO902	OLGIVIE COLLIERY	U121 029	N51 43 3 W 3 16 21		4	24	273	9.9	428	21.7	27.6	CFM	2H	-	-
SP 1	STEEPLE ASTON (SP42NE/012)	46872586	N51 55 43 W 1 19 5	HF	OXU	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	20.3	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			
SP 2	SARSDEN 2 (SP22SE/047)	27682220	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)	28072074	N51 53 2 W 1 35 51		GAS	66	109	10.3	242	18.3	33.1	BHT			
SP 7	SARSDEN NO.7 (SP22SE/052)	28582065	N51 53 59 W 1 35 5		GAS	66	118	10.3	259	23.9	52.5	BHT			

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SP 10	SARSDEN NO.10 (SP32SW/015)	34202043	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)	34102110	N51 53 13 W 1 30 12		GAS	66	102	10.4	252	17.2	27.0	BHT			
SP 18	TOWCESTER T10 (SP73NE/002)	76523880	N52 2 30 W 0 53 3		IGS	65	70	10.6	208	13.3	13.0	LOG			
SP 19	TOWCESTER T2 (SP74SW/001)	71974197	N52 4 15 W 0 57 59		IGS	65	126	10.2	163	12.2	12.3	LOG			
SP 22	APLEY BARN (SP31SW/003)	34381066	N51 47 35 W 1 30 5		IGS	65	85	10.5	1507	51.7	27.3	LOG			
SP 29	TWYFORD NO.1	68022567	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)	43194017	N52 3 28 W 1 22 12	IIF	OXU	73	145	10.1	100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000 1050	13.3 15.6 17.6 19.2 20.4 21.4 22.4 23.6 24.8 26.3 27.8 29.4 31.0 32.1 33.7 34.8 36.1 37.5 39.0 40.2	32.0 36.7 37.5 36.4 34.3 32.3 30.8 30.0 29.4 29.5 29.5 29.7 29.9 29.3 29.5 29.1 28.9 28.8 28.9 28.7	EQM EQM			
SP 37	RYTON NO.6 (SP37SE/033)	38897362	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)	15651396	N51 49 6 W 1 46 26		SHL	75	191	9.8	294 1055 1939 1939	26.1 40.6 48.3 52.2	55.4 29.2 19.9 21.9	BHT BHT BHT BHT	1H 10H 12H 16H	- 43.1 50.3 55.2	- 31.6 20.9 25.4

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SP 51	BICESTER NO.1 (SP52SE/001)	58722081	N51 52 56 W 1 8 48		SHL	76	84	10.6	361 506	42.2 40.0	87.5 58.1	BHT BHT	6H 9H	49.2 43.0	106.9 64.0
SP 56	TWYFORD NO.2	67592650	N51 55 56 W 1 1 0		B.P	61	82	10.5	154	21.1	68.8	BHT			
SP 57	TWYFORD NO.4	68242560	N51 55 27 W 1 0 27		GAS	61	87	10.5	151	21.1	70.2	BHT	4H	-	-
SP 58	WHICHFORD 1	32663488	N52 0 39 W 1 31 26		GAS	64	140	10.2	309	26.7	53.4	BHT			
SP 59	WHICHFORD 2 (SP71SE/001)	35283476	N52 0 35 W 1 29 9		GAS	64	177	9.9	364	32.2	61.3	BHT			
SP 60	WHICHFORD 3	37033497	N52 0 41 W 1 27 37		GAS	64	195	9.8	378	32.2	59.3	BHT			
SP 61	THORPE BY WATER (SP89NE/001)	88572648	N52 33 30 W 0 41 36	HF	OXU	73	65	10.6	360	22.6	33.3	EQM			
SP 62	CROFT	513 964	N52 33 45 W 1 14 35	HF	OXU		21	10.9	327	14.5	11.0	EQM			
SP 64	STOWELL PARK (SP01SE/001)	084 118	N51 48 16 W 1 52 41		IGS	51	171	10.2	1169	42.8	27.9	BHT	110	42.8	27.9
SP 68	ELLS FARM (SP43NW/013)	42603701	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	PICKFORD GREEN	27358103	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	CHANTRY WOOD (SP28SE/003)	25808370	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	ROCK FARM (SP37SE/035)	36447428	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
SP 72	DEANIT SPINNEY (SP27NE/009)	26557658	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	BROWNSHILL GRN FM (SP38SW/100)	30698216	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	ROUGH CLOSE (SP27NE/009)	26487850	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	-	-

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SP 75	RAM HALL (SP27NW/003)	24697309	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	BRIDLE BROOK LANE (SP23SE/005)	29008363	N52 26 57 W 1 34 23		NCB	76	124	10.3	855	38.9	33.5	BHT			
SP 77	BLIND LANE (SP27NW/002)	24507962	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	REDFERN FARM (SP27SE/018)	25267479	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	CRACKLEY WOOD (SP27SE/019)	29127480	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	LITTLE CHASE (SP27SE/017)	26467305	N52 21 16 W 1 36 41		NCB	76	104	10.4	1133 1145	25.6 24.4	13.4 12.2	BHT BHT	9H 5H	28.6 33.4	16.0 20.1
SP 81	PARKHILL LANE (SP23SE/004)	29348046	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	TEN SHILLING WOOD (SP27NE/007)	29347683	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
SP 83	CUBBINGTON HTH FM (SP36NW/032)	33806976	N52 19 28 W 1 30 14		NCB	77	69	10.6	1212	20.0	7.8	BHT			
SP 84	ROUNCIL FARM LANE (SP27SE/016)	26437024	N52 19 45 W 1 36 43		NCB	77	87	10.5	1228	26.0	12.6	BHT			
SP 85	BERRYFIELDS FARM (SP2RSW/179)	24998148	N52 25 49 W 1 37 56		NCB	77	129	10.2	1013	25.0	14.6	BHT			
SP 86	CHALET (SP36NE/008)	36946698	N52 17 57 W 1 27 30		NCB	77	78	10.5	1153	24.0	11.7	BHT			
SP 87	ASHOW (SP37SW/100)	30537161	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	KINETON (SP35SE/019)	38445016	N52 8 52 W 1 26 17		NCB	77	104	10.4	1149	35.0	21.4	BHT			
SP 89	MORETON MORRELL (SP35SW/001)	30785364	N52 10 47 W 1 32 59		NCB	77	95	10.4	1463	33.9	16.1	BHT	34H	33.9	16.1

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SP 90	MIDDLE ROAD (SP36SE/019)	35126155	N52 15 2 W 1 29 7		NCB	77	67	10.6	1238	27.8	13.9	BHT	13H	29.3	15.1
									1254	23.3	10.1	BHT	5H	32.3	17.3
									1255	25.0	11.5	BHT	8H	29.0	14.7
									1256	34.0	18.6	BHT			
SP 91	WAIN DODY WOOD (SP37SW/060)	31397419	N52 21 52 W 1 32 20		NCB	76	78	10.5	1100	27.8	15.7	BHT	2H	-	-
									1100	33.0	20.5	BHT	1H	-	-
SP 92	BLACK SPINNEY (SP37SW/010)	34367326	N52 21 21 W 1 29 43		NCB	77	84	10.5	1189	28.9	15.5	BHT	14H	30.4	16.7
SP420	MILTON (SP43SE/032)	45223451	N52 0 24 W 1 20 28		NCB	78	116	10.3	905	30.6	22.4	BHT	5H	39.6	32.4
									905	32.2	24.2	BHT	10H	34.7	27.0
SP421	HOLLIES BARN (SP43SW/025)	41873435	N52 0 20 W 1 23 23		NCB	78	131	10.2	1070	36.1	24.2	BHT			
SP422	NORTH BROOK (SP42SE/010)	49952246	N51 53 52 W 1 16 26		NCB	78	104	10.4	591	25.6	25.7	BHT	2H	-	-
SP423	SOUTHAM (SP46SW/014)	42006334	N52 15 58 W 1 23 4		NCB	78	98	10.4	881	24.4	15.9	BHT	9H	27.4	19.3
									881	25.0	16.6	BHT			
SP424	NORTH LEIGH (SP31SE/009)	38791410	N51 49 25 W 1 26 13		NCB	78	95	10.4	1020	31.7	20.9	BHT	5H	40.7	29.7
									1020	33.9	23.0	BHT	7H	38.9	27.9
SP425	NEW YATT (SP31SE/012)	37111229	N51 48 27 W 1 27 42		NCB	78	108	10.4	1127	34.4	21.3	BHT	6H	41.4	27.5
									1127	38.0	24.5	BHT			
SP426	HARFORD	28346209	N52 15 21 W 1 35 5		NCB	78	63	10.6	1420	35.6	17.6	BHT			
SP427	TWYFORD LANE (SP43NE/056)	48053702	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)	49181869	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)	08552451	N51 55 7 W 1 52 32		RCT	79	247	9.5	1038	40.0	29.4	BHT	6H	47.0	36.1
									2175	50.6	18.9	BHT	13H	54.6	20.7
									2178	50.6	18.9	BHT	8H	58.6	22.5
SP901	COVENTRY COLL.	32308280	N52 26 30 W 1 31 29		NCB		104	10.4	732	20.5	13.8	VST			
SP902	HAMSTEAD COLL.	0042 930	N52 32 4 W 1 56 17		5	22	122	10.3	646	20.2	15.3	CFM	20H	20.7	16.1

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SS 3	PETROCKSTOW NO.1 (SS51SW/001)	52011041	N50 52 25 W 4 6 13		IGS	67	60	11.6	696	26.7	21.7	BHT			
SS 4	PETROCKSTOW NO.2 (SS51SW/002)	5110115R	N50 53 2 W 4 6 56		IGS	67	62	11.6	305	21.1	31.1	BHT			
SS 5	PETROCKSTOW NO.3 (SS50NW/001)	52780933	N50 51 51 W 4 5 32		IGS	68	57	11.7	314	23.9	38.9	LOG			
SS 9	MAESTEG (SS89SE/041)	85289245	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	MARGAM NO.2 (SS88NW/014)	81118632	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	MARGAM 6 (SS88NW/020)	83628603	N51 33 38 W 3 40 44		NCB		122	10.8	831	27.5	20.1	BHT	2H	-	-
SS 12	MARGAM 7	85398557	N51 33 24 W 3 39 12		NCB		116	10.8	846	30.0	22.7	BHT	3H	-	-
SS 13	MARGAM 8	82628619	N51 33 42 W 3 41 36		NCB		217	10.2	790	28.0	22.5	BHT	3H	-	-
SS 14	SOUTH MOLTON	723 323	N51 4 30 W 3 49 23	HF	I.C	74	260	9.2	75	10.4	16.0	EQM			
SS 15	HONEYMEAD NO.2	79903934	N51 8 24 W 3 43 1	HF	I.C	74	391	9.1	100 200 300	10.2 11.7 12.9	11.0 13.0 12.7	EQM EQM EQM			
SS901	CAERAU COLLIERY	U866 946	N51 38 17 W 3 38 20		4	23	234	10.1	376 396	24.6 25.1	38.6 37.9	CFM CFM	2H 2H	- -	- -
SS902	NANTEWLAETH COLL	U863 977	N51 39 57 W 3 33 39		4	23	207	10.3	160	12.5	13.8	CFM	2H	-	-
SS903	RHONDA MAIN COLL	U936 890	N51 35 21 W 3 32 9		3	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.	U917 986	N51 40 30 W 3 33 59		3	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	U941 975	N51 39 56 W 3 31 53		3	24	53	11.2	329	17.5	19.1	CFM	27H	17.5	19.1

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF (10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
SS906	WYNDAM COLLIERY	U933 921	N51 37 1 W 3 32 28		3	25	499	8.5	552	23.3	26.8	CFM	27H	23.3	26.8
SS907	LLANHARAN COLL.	U995 828	N51 32 4 W 3 26 56		3	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.	U723 977	N51 39 47 W 3 50 47		3	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	U72 95	N51 38 19 W 3 51 0		3	26	76	11.5	288	16.3	16.7	CFM	27H	16.3	16.7
SS910	BRITANNIC MERTHY	U972 895	N51 35 40 W 3 29 3		3	24	350	9.9	440 531 587 609	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	CRIOBWR FAWR	U81 83	N51 31 58 W 3 42 57		3	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	U978 892	N51 35 31 W 3 28 32		3	23	256	10.5	210 217 246 396 376	16.1 16.4 15.6 18.8 16.9	26.7 27.2 20.7 21.0 16.2	CFM CFM CFM LOG CFM	27H 27H 27H 27H 27H	16.1 16.4 15.6 18.8 16.9	26.7 27.2 20.7 21.0 16.2
ST 3	DEVIZES 1 (ST95NE/001)	96035699	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	BURTON ROW (ST35SW/003)	33565208	N51 15 48 W 2 57 8		IGS	72	8	11.5	1022	32.8	20.8	LOG	9H	35.8	23.8
ST 5	SENGHENYDD NO.1 (ST19SW/018)	12689175	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	CURRYPOOL FARM (ST23NW/008)	22703871	N51 8 30 W 3 6 18	HF	IGS	76	49	11.2	183 210	13.8 13.2	14.2 9.5	EQM LOG			
ST 10	ASHTON PARK (ST57SE/073)	56337146	N51 26 23 W 2 37 42		IGS	53	18	11.4	664	23.9	18.8	LOG	1H	-	-
ST 12	CANNINGTON PARK (ST24SW/001)	24794011	N51 9 17 W 3 4 31		IGS	76	43	11.2	1153	26.7	13.4	BHT	24H	26.7	13.4

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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	
ST 17	LADY WINDSOR 1	05579379	N51 38 4 W 3 21 52		NCD		206	10.3	770	30.5	26.2	BHT	2H	-	-	
ST 18	TUCKING MILL (ST92NW/002)	936 291	N51 3 38 W 2 5 28		IGS	77	122	10.8	233	22.4	49.8	BHT	20	22.4	49.8	
ST 38	WEST LAVINGTON	98985633	N51 18 19 W 2 0 52	HF	OXU		75	11.1								
ST901	DEEP NAVIGATION	U094 970	N51 39 50 W 3 18 36			4	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	-	-
ST903	BEDWAS COLLIERY	U178 894	N51 35 49 W 3 11 12			4	24	159	10.5	408	16.4	14.5	CFM	2H	-	-
										569	20.6	17.8	CFM	2H	-	-
										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	U149 909	N51 36 36 W 3 13 45			3	23	244	10.0	527	23.9	26.4	CFM	27H	23.9	26.4
										573	23.3	23.2	CFM	27H	23.3	23.2
										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	U032 839	N51 32 43 W 3 23 46			3	24	25	11.4	156	14.0	16.7	CFM	27H	14.0	16.7
										201	15.3	19.4	CFM	27H	15.3	19.4
ST906	BRITANNIA COLL.	U158 980	N51 40 26 W 3 13 4			4	23	163	10.5	701	24.9	20.5	CFM	27H	24.9	20.5
										736	25.0	19.7	CFM	27H	25.0	19.7
ST907	NANTGARW COLL.	U119 857	N51 33 46 W 3 16 16			3	24	110	10.8	804	21.7	13.6	CFM	27H	21.7	13.6
										810	21.4	13.1	CFM	27H	21.4	13.1
ST908	CWM COLLIERY	U085 820	N51 31 44 W 3 19 9			4	24	122	10.8	823	23.3	15.2	CFM	2H	-	-

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																(IGS REF)
ST909	KINGSWOOD COLL.	U66 73	N51 27 16 W 2 29 22			6	NC	11.5	376	12.6	2.9	CFM	1H	-	-	
									417	19.3	18.7	CFM	1H	-	-	
									439	20.9	21.4	CFM	1H	-	-	
									539	23.7	22.6	CFM	1H	-	-	
ST910	ALBION COLLIERY	U086 932	N51 37 47 W 3 19 14			3	24	114	10.8	495	23.7	26.1	CFM	27H	23.7	26.1
										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	U04 91	N51 36 33 W 3 23 11			3	24	75	11.1	158	15.4	27.2	CFM	27H	15.4	27.2
SU 1	WINCHESTER NO.1 (SU52NW/001)	50342849	N51 3 10 W 1 16 54		GEOCH B.P	60	62	11.1	598	30.0	31.6	LOG				
									648	28.3	26.5	BHT				
									1246	48.0	29.6	DST				
									1730	51.1	22.5	BHT				
SU 2	WINCHESTER NO.2 (SU52NW/002)	54492762	N51 2 41 W 1 13 21		B.P	60	137	10.7	648	28.3	27.2	BHT				
SU 4	WINCHESTER NO.4 (SU53SW/001)	51093011	N51 4 3 W 1 16 14		B.P	60	92	10.9	690	24.4	19.6	BHT	2H	-	-	
SU 5	WINCHESTER NO.5 (SU52NW/003)	50252706	N51 2 24 W 1 16 59		B.P	60	124	10.8	594	26.7	26.8	BHT	1H	-	-	
SU 10	STRAT A1 (SU95SW/005)	94785278	N51 15 56 W 0 38 23		ESO	66	42	10.7	963	35.6	25.9	BHT				
SU 11	STRAT B1 (SU66NE/021)	68826522	N51 22 52 W 1 0 39		ESO	66	53	10.7	748	30.0	25.8	BHT				
SU 12	MIDDLETON NO.1 (SU90SE/005)	97390151	N50 48 17 W 0 37 3		PEN	71	2	11.5	777	30.0	23.8	BHT				
									2128	65.6	25.4	LOG				
SU 13	SONNING EYE NO.1 (SU77NW/002)	742 758	N51 28 32 W 0 55 53		BRA	74	37	10.8	420	15.5	11.2	DST				
									606	28.8	29.7	DST				
									868	32.2	24.7	BHT	3H	-	-	
SU 15	FARINGDON NO.1 (SU39SW/001)	32259399	N51 38 36 W 1 32 1		DAR	55	88	11.0	954	30.8	20.8	BHT				
SU 18	CRANBOURNE NO.1 (SU00NW/001)	03550895	N50 52 46 W 1 56 58		B.P	72	53	11.2	599	20.0	14.7	BHT	3H	-	-	
									1561	62.8	33.1	BHT	5H	78.8	43.3	
									2034	60.0	24.0	BHT	5H	72.0	29.9	

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SU 19	COOLES FARM NO.1 (SU09SW/052)	01649214	N51 37 39 W 1 58 34		SHL	76	90	11.0	488	28.3	35.5	BHT	4H	-	-	
									1298	58.9	36.9	BHT	9H	65.9	42.3	
									2740	74.5	23.2	BHT	10H	80.5	25.4	
									3431	86.7	22.1	BHT	12H	90.7	23.2	
SU 20	FORDINGBRIDGE	18751181	N50 54 17 W 1 44 59		GEOCH B.P	58	67	11.1	208	19.6	40.9	DST				
									1367	47.8	26.8	BHT				
SU 21	SHALFORD NO.1	98214679	N51 12 40 W 0 35 37		GEOCH B.P	58	49	11.2	1258	52.0	32.4	DST				
									1739	70.0	33.8	BHT				
SU 22	HIGHWORTH NO 1 (SU19SE/007)	18309145	N51 37 16 W 1 44 8		COG	76	104	9.5	1053	37.8	26.9	BHT	14H	39.3	28.3	
										1160	40.0	26.3	BHT	15H	41.0	27.2
SU 23	BUNKERS HILL (SU31SW/027)	30401498	N50 55 58 W 1 34 2		IGS	77	39	11.3	185	17.0	30.8	BHT	24H	17.0	30.8	
SU 25	FAIR CROSS	69726323	N51 21 48 W 0 59 55		GEOCH OXU HF		62	10.6	328	19.9	28.4	EQM				
SU 26	BARTON STACEY	437 428	N51 10 56 W 1 22 29		HF OXU		65	11.1	289	16.5	18.7	EQM				
SU 27	CLUMPHILL	066 064	N50 51 23 W 1 54 22		HF OXU		15	11.4	555	26.6	27.4	EQM				
SU 55	RIDGEWAY DOWN	428 845	N51 33 26 W 1 22 57		GEOCH	74	198	10.3	155	11.0	4.5	DST				
SU 58	BOXALLS LANE 16	86194930	N51 14 9 W 0 45 55		GEOCH	76	70	11.1	400	25.0	34.7	DST				
SU 59	TONGHAM 2 (SU00NE/005)	88364942	N51 14 11 W 0 44 3		GEOCH	74	75	11.0	400	25.0	35.0	DST				
SU 61	SHREWTON	03144199	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	VERNHAM DEAN	343 565	N51 18 22 W 1 30 28		HF OXU		137	10.4	130	12.2	13.8	EQM				

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SU 72	MARCHWOOD	39911113	N50 53 53 W 1 25 56	HF	IGS	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	73.0	36.9	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	YARBURY NO 1	03374100	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	
SU 82	HUMBLY GROVE	71154484	N51 11 52 W 0 58 53	CAR	80	139	10.7	251	23.3	50.2	BHT	13H	24.8	56.2	
								251	24.7	55.8	LOG	13H	26.2	61.8	
								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	23602853	N51 3 13 W 1 39 47	SHL	80	66	11.1	298	19.4	27.9	BHT	5H	28.4	58.1	
								850	32.8	25.5	LOG	12H	34.8	27.9	
								868	35.0	27.5	BHT	26H	35.0	27.5	
								891	34.4	26.4	BHT	12H	36.4	28.7	
								1973	58.9	24.2	BHT	6H	70.9	30.2	
								1973	62.8	26.1	BHT	13H	66.8	28.2	
								1973	65.6	27.6	BHT	22H	67.1	28.3	
	1973	69.7	29.6	LOG											

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													FROM CIRC	TEMP C	TEMP GRAD C/KM
SW 16	PREDANNACK (SW61NE/001)	69011634	N50 0 6 W 5 13 25	HF	IGS	80	88	11.5	304	19.4	26.0	EQM			
									322	21.2	30.1	BHT			
SW 30	TROON	65703677	N50 11 2 W 5 16 56	HF	I.C	80									
SW 31	ROSEMANOWAS A	73523456	N50 10 1 W 5 10 13	HF	I.C	80	180	10.9	303	19.7	29.0	EQM			
SW 32	ROSEMANOWAS D	73523460	N50 10 2 W 5 10 18	HF	I.C	80	180	10.9	292	19.4	29.1	EQM			
SW 34	POLGEAR BEACON	69273663	N50 11 2 W 5 13 56	HF	I.C	80									
SW 38	NEWMILL	46083435	N50 9 14 W 5 33 13	HF	I.C	80									
SW 39	BUNKER'S HILL	4022726	N50 29 41 W 5 39 48	HF	.C	0									
SW 40	NEWLYN EAST	81465390	N50 20 37 W 5 4 18	HF	I.C	80									
SW 41	BELOWDA BEACON	97886254	N50 25 38 W 4 50 45	HF	I.C	80									
SW 43	KENNACK SANDS	73251647	N50 0 16 W 5 9 53	HF	I.C	80	15	11.9	152	16.3	29.0	EQM			
SW 44	MERROSE FARM	65594351	N50 14 39 W 5 17 17	HF	I.C	80									
SW 45	KESTLE WARTHA	75332579	N50 5 20 W 5 8 23	HF	I.C	80	61	11.6	149	15.5	26.2	EQM			
SW 46	GAVERIGAN	93165916	N50 23 42 W 4 54 33	HF	I.C	80	134	11.2	326	22.6	35.0	EQM			
SW901	BINNER DOWNS	0613 341	N50 9 29 W 5 20 32		7	NC	97	11.5	340	30.3	55.3	MWT			
SW902	CARN BREA	0679 411	N50 13 25 W 5 15 15		7	NC	126	11.2	240 276	16.1 17.2	20.4 21.7	MWT MWT			
SW903	DOLCOATH MINE	0660 405	N50 13 3 W 5 16 50		7	NC	110	11.3	552 914	33.3 42.2	39.9 33.8	MWT MWT			

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SW904	NORTH ROSKEAR	U656 415	N50 13 34 W 5 17 12			7	NC 100	11.4	251	22.8	45.4	MWT			
SW905	SOUTH ROSKEAR	U653 410	N50 13 18 W 5 17 26			7	NC 107	11.4	214 254	16.7 21.7	24.8 40.6	MWT MWT			
SW907	CONSOLS	U505 398	N50 12 17 W 5 29 49			7	NC 100	11.4	247 247	20.6 21.7	37.2 41.7	MWT MWT			
SW908	BOTALLACK	U365 331	N50 8 19 W 5 41 17			7	NC 107	11.4	181	16.1	26.0	MWT			
SW909	LEVANT	U369 345	N50 9 5 W 5 41 0			7	NC 80	11.5	252	19.4	31.3	MWT			
SW910	BOSCASHWELL	U382 344	N50 9 4 W 5 39 55			7	NC 128	11.2	212	15.0	17.9	MWT			
SW911	TRESAVEAN	U720 393	N50 12 32 W 5 11 45			7	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	U702 399	N50 12 49 W 5 13 17			7	NC 213	10.7	163 181	15.6 16.1	30.1 29.8	MWT MWT			
SW913	WHEAL REETH	U505 368	N50 10 40 W 5 29 42			7	NC 184	10.9	452	24.4	29.9	MWT			
SW914	WHEAL BEAUCHAMP	U696 400	N50 12 52 W 5 13 47			7	NC 186	10.9	181	14.4	19.3	MWT			
SW915	WHEAL DARLINGTON	U513 318	N50 8 0 W 5 28 50			7	NC 12	11.9	165	17.8	35.8	MWT			
SW916	MARAZION	U523 306	N50 7 23 W 5 27 56			7	NC 15	11.9	183	18.9	38.3	MWT			
SW917	WHEAL FORTUNE	U528 326	N50 8 28 W 5 27 36			7	NC 30	11.8	263	22.8	41.8	MWT			
SW918	WHEAL HERLAND	U595 371	N50 11 3 W 5 22 9			7	NC 67	11.6	278	25.0	48.2	MWT			
SW919	GODOLPHIN	U600 321	N50 8 22 W 5 21 33			7	NC 55	11.7	168	21.1	56.0	MWT			

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SY 1	MARSHWOOD NO.1 (SY39NE/001)	38859880	N50 47 5 W 2 52 3		CAW	74	93	10.9	1898	68.2	30.2	BHT			
SY 3	KIMMERIDGE NO.2	91147915	N50 36 41 W 2 7 31		GEOCH B.P	66	40	11.3	625 543	36.0 29.4	39.5 28.1	DST BHT			
SY 6	LANGTON HERRING S (SY68SW/002)	60638172	N50 38 59 W 2 33 24		GEOCH B.P	59	10	11.4	263 341	20.0 26.1	32.7 43.1	DST BHT			
SY 7	ENCOMBE NO.1 (SY97NW/002)	94127832	N50 36 14 W 2 4 59		GEOCH B.P	65	79	11.0	580 870	29.0 24.4	31.0 15.4	DST BHT	5H	33.4	25.7
SY 8	WYTCII FARM NO.1 (SY98NE/001)	98048536	N50 40 2 W 2 1 39		GAS	73	6	11.5	595	25.6	23.7	BHT			
SY 9	NETTLECOMBE NO.1 (SY59NW/001)	50539543	N50 45 20 W 2 42 5		BER	72	135	10.7	2135	68.8	27.2	BHT			
SY 12	ARNE NO.1 (SY98NE/005)	95758704	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	CHALDON HERRING	78398388	N50 39 13 W 2 18 20		B.P	55	84	11.0	574	28.3	30.1	BHT			
SY 14	WYTCII FARM 2 (SY98NE/002)	98958554	N50 40 9 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	WYTCII FARM 3 (SY98NE/003)	97208537	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	WYTCII FARM 4 (SY98NE/004)	99478566	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	BERE REGIS NO.1 (SY89NE/001)	86429562	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	KIMMERIDGE NO.3 (SY97NW/006)	89737895	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	LANGTON HERRING 1 (SY68SW/001)	62328284	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	RADIPOLE NO.1	65883148	N50 37 53 W 2 28 56		B.P	59	10	11.4	618	30.0	30.1	BHT			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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	WAREHAM NO.1 (SY98NW/002)	90928783	N50 41 22 W 2 7 43		GEOCH H.P	64	5	11.5	1128 1200 1746	50.6 48.7 52.2	34.7 31.0 23.3	BHT DST BHT			
SY 22	WAREHAM NO.2 (SY98NW/003)	90938834	N50 41 38 W 2 7 42		GEOCH GAS	65	29	11.3	1247 1291	55.0 44.4	35.0 25.6	DST BHT	4H	-	-
SY 23	WINTERBORNE KNST (SY89NW/001)	84709790	N50 46 47 W 2 13 1		HF IGS	77	61	11.1	663 1242 1245 1245 2390 2420 2516 2516 2516 2516 3038 3038 3038 2310	28.3 43.3 43.9 44.4 85.0 85.0 73.3 75.0 81.1 82.2 98.3 100.6 101.7 85.0	25.9 25.9 26.3 26.7 30.9 30.5 24.7 25.4 27.8 28.3 28.7 29.5 29.8 32.0	BHT BHT BHT BHT DST DST BHT BHT BHT BHT BHT BHT BHT DST	8H 4H 7H 10H	32.3 - 48.9 46.9	32.0 - 30.4 28.8
SY 29	OSMINGTON NO 2 (SY78SW/002)	71708390	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	SEABARN FARM (SY68SW/003)	62638054	N50 37 22 W 2 31 42		HF IGS OXU	78	64	10.7	420 420	23.0 25.5	29.3 35.2	BHT EQM	19H	23.5	30.5
SY 31	STOBOROUGH NO 1 (SY98NW/005)	91268659	N50 40 41 W 2 7 25		GAS	77	11	11.4	930 966	36.7 42.2	27.2 31.9	DST BHT			
SY 34	WAREHAM NO 3 (SY98NW/004)	90598721	N50 41 2 W 2 7 59		GAS	77	16	11.4	1395 1395	41.1 42.2	21.3 22.1	BHT BHT	39H	41.1	21.3
SY 35	WYTCHE FARM DS (SY98NE/004A)	99478565	N50 40 11 W 2 0 27		GAS	78	18	11.4	988 988 1781 1781 2738 2748	36.7 41.1 68.3 69.4 92.2 92.8	25.6 30.1 31.9 32.6 29.5 29.6	BHT BHT BHT BHT BHT BHT	6H 10H 21H 31H 28H	43.7 43.6 69.8 69.4 92.7	32.7 32.6 32.8 32.6 29.7

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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 43	WYTCN FARM X14 (SY9RNE/001A)	98048526	N50 39 59 W 2 1 39		GAS	79	5	11.5	975	39.4	28.0	BHT	5H	48.4	37.1
									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 (SY88NE/013)	89768870	N50 41 50 W 2 8 42		GAS	80	18	11.4	1214	37.8	21.7	BHT	23H	37.8	21.7
									1214	39.4	23.1	BHT	28H	39.4	23.1
SY 50	STONOROUGH NO 2 (SY98NW/020)	91738636	N50 40 34 W 2 7 1		GAS	81	3	11.5	1223	19.4	6.5	BHT	5H	28.4	13.8
									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 (SY98NW/021)	90598721	N50 41 2 W 2 7 59		GAS	80	19	11.4	1071	42.2	28.8	BHT	7H	47.2	33.4
									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 (SY98SE/004)	96948305	N50 38 47 W 2 2 35		GAS	81	34	11.3	1153	43.3	27.8	BHT	13H	44.8	29.1
									1153	44.4	28.7	BHT	16H	45.4	29.6
									1878	74.4	33.6	BHT			
									2020	67.8	28.0	BHT	12H	71.8	30.0
									2020	71.1	29.6	BHT	15H	74.1	31.1
SZ 1	ARRETON NO.1	53098564	N50 40 2 W 1 14 55		GAS	53	31	11.3	1195	53.3	35.1	BHT			
SZ 2	ARRETON NO.2 (SZ58NW/001)	532 858	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
									817	53.8	52.0	BHT	11H	58.8	58.1
									817	53.8	52.0	BHT	15H	56.3	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								

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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 4	WYTCB FARM F 15 (SZ08NW/010)	01048574	N50 40 14 W 1 59 7		GAS	80	9	11.4	1029	26.7	14.9	DHT	5H	35.7	23.6
									1029	27.8	15.9	DHT	10H	30.3	18.4
									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			
SZ 5	WYTCB FARM F 16 (SZ08NW/001)	01048574	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
									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
SZ 7	WYTCB FARM F17 (TA16SE/005)	01048574	N50 40 14 W 1 59 7		GAS	81	9	11.4	1099	37.8	24.0	BHT			
									1286	41.7	23.5	BHT	7H	46.7	27.4
									1286	43.3	24.8	BHT			
									1287	43.9	25.2	BHT			
SZ 8	WYTCB FARM F18 (TA16SE/005)	01048574	N50 40 14 W 1 59 7		GAS	81	9	11.4	1375	43.3	23.2	BHT	5H	52.3	29.7
									1375	43.9	23.6	BHT			
									1375	44.4	24.0	BHT	15H	45.4	24.7
SZ 9	WYTCB FARM F19 (TA16SE/005)	01048574	N50 40 14 W 1 59 7		GAS	81	9	11.4	1198	46.1	28.9	BHT	13H	47.6	30.2
									2052	65.6	26.4	BHT	7H	75.6	31.3
TA 4	ATWICK NO.2 (TA15SE/009)	18355171	N53 56 51 W 0 11 47		GAS	73	13	10.4	567	36.7	46.4	DHT	3H	-	-
									1725	48.9	22.3	BHT	11H	50.9	23.5
TA 5	BARMSTON NO.1 (TA16SE/005)	15456062	N54 1 42 W 0 14 14		DUR	71	14	10.4	523	32.8	42.8	BHT			
									1360	40.0	21.8	BHT			
									1971	50.0	20.1	BHT			
TA 6	FORDON NO.2 (TA07SE/019)	06897360	N54 8 48 W 0 21 48		B.P	74	63	10.1	830	38.9	34.7	BHT	5H	47.9	45.5
									2333	73.3	27.1	BHT	18H	75.3	27.9
									2445	73.9	26.1	BHT	6H	85.9	31.0
TA 8	HORNSEA NO.1 (TA15SE/008)	18465062	N53 56 16 W 0 11 42		TEX	70	11	10.4	2060	53.3	20.8	BHT	6H	65.3	26.7
TA 9	HUNMANBY (TA17NW/010)	13017588	N54 9 57 W 0 16 7		GEOCH BUR	73	84	10.0	1327	46.1	27.2	BHT	7H	51.1	31.0
									1719	59.4	28.7	BHT	2H	-	-
									2219	73.0	28.4	DST			
									2249	72.8	27.9	LOG			
TA 10	RISBY NO.1 (TA03NW/083)	01063578	N53 48 29 W 0 27 54		CAN	72	46	10.2	1592	40.6	20.2	BHT	10H	43.1	21.9

INDEX NO.	NAME OF BOREHOLE /LOCALITY (1GS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
TA 11	TETNEY LOCK (TA30SW/005)	33250090	N53 29 16 E 0 0 31	GEOCH	B.P	63	3	10.5	1635 1814 2795 2795	43.3 61.0 75.6 72.8	20.1 27.8 23.3 22.3	LOG DST BHT LOG	8H	83.6	26.2
TA 12	WINESTEAD NO.1 (TA22SE/007)	27412433	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	FORDON NO.1 (TA07NE/001)	05827570	N54 9 57 W 0 22 44		B.P	56	128	9.7	1737 2301 2304	54.4 71.1 72.2	25.7 26.7 27.1	BHT BHT BHT			
TA 14	GREAT HATFIELD (TA14SE/010)	19004328	N53 52 18 W 0 11 23		B.P	71	13	10.4	1422 2298	46.1 61.7	25.1 22.3	BHT BHT	10H 11H	48.6 66.7	26.9 24.5
TA 20	ATWICK NO 5 (TA15SE/012)	18155222	N53 57 8 W 0 11 57		GAS	80	16	10.4	866 1370	26.7 58.9	18.8 25.9	LOG BHT	13H	62.9	23.1
TA 21	ATWICK NO 4 (TA15SE/011)	17265177	N53 56 54 W 0 12 47		GAS	80	10	10.4	1817 1817 1817	56.7 58.3 60.0	25.5 26.4 27.3	BHT BHT BHT	17H	60.3	27.5
TA 22	ATWICK NO 3 (TA15SE/010)	17795186	N53 56 57 W 0 12 17		GAS	76	14	10.4	1735 1831 1903 1903	53.3 53.3 57.8 58.3	24.7 22.8 24.9 25.2	BHT BHT BHT BHT	17H 7H 6H 19H	55.3 63.3 69.8 60.3	25.9 28.1 31.2 26.2
TA 23	BRIGG NO 1	03770639							989 1930 193 1930 1930	30.0 62.8 63. 65.6 67.7		BHT BHT BH BHT BHT	4H 11H 19 24H 30H		
TF 4	WIGGENHALL NO.1 (TF51NE/001)	59411537	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	SPALDING NO.1 (TF21SW/001)	24341478	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	WISBECH NO.1 (TF40NW/001)	40660842	N52 39 17 E 0 4 47		TEX	71	1	10.5	324	23.9	41.4	BHT			
TF 7	WITTERING NO.1 (TF00SW/176)	04920185	N52 36 14 W 0 27 2		GAS	66	62	10.1	296 301	21.1 18.3	37.2 27.2	BHT BHT			
TF 10	GLINTON NO.1 (TF10NE/001)	15020526	N52 37 57 W 0 13 1	GEOCH	B.P	61	9	10.4	317 362	24.0 30.0	42.9 54.1	DST BHT	6H	37.0	73.5

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
TF 11	SOUTH CREEKE 1 (TF93SE/008)	85743400	N52 52 15 E 0 45 36		B.P	69	37	10.3	772	32.2	28.4	BHT	3H	-	-
TF 12	HUNSTANTON 1 (TF64SE/012)	69234270	N52 57 16 E 0 31 10		PLE	69	3	10.5	164 860	23.9 51.7	81.7 47.9	BHT BHT	3H 2H	- -	- -
TF 15	BARNEY NO.1 (TF16NW/026)	11926862	N53 12 9 W 0 19 27	GEOCH	B.P	66	6	10.5	1527 1898	55.6 62.8	29.5 27.6	DST BHT			
TF 16	HORNCastle (TF26NE/007)	28206820	N53 11 42 W 0 4 50		PLE	69	61	10.1	1286	57.2	36.6	BHT	2H	-	-
TF 17	HELPRINGHAM NO.1 (TF13NE/009)	17563882	N52 56 0 W 0 15 2		B.P	69	4	10.5	761	32.2	28.5	BHT	18H	32.7	29.2
TF 18	NETTLETON (TF19NW/053)	11899643	N53 27 8 W 0 18 55		CAN	72	162	9.5	1556	48.9	25.3	BHT	2H	-	-
TF 19	SIBSEY NO.1 (TF35SE/002)	361 594	N53 2 59 E 0 1 47		BAC	70	3	10.5	1117	45.0	30.9	BHT	4H	-	-
TF 20	ULCERY CROSS 1 (TF47SW/015)	41407385	N53 14 33 E 0 7 9		EMP	70	98	9.9	1757	60.0	28.5	BHT	6H	72.0	35.3
TF 21	WOCTON NO.7	00516322	N53 9 22 W 0 29 47		B.P	56	50	10.2	975	25.6	15.8	BHT			
TF 22	RUSKINGTON NO.1	09204974	N53 2 0 W 0 22 16		B.P	55	8	10.5	1002	31.1	20.6	BHT			
TF 30	STENIGOT (DONNINGTON)	240 819	N53 19 9 W 0 8 17	HF	OXU		75	10.0	198	19.2	46.5	EQM			
TF 58	WELTON	03617681	N53 16 40 W 0 26 45		B P	81	17	10.4	815 1599 1599	33.3 48.9 50.6 52.2	28.1 24.1 25.1 26.1	BHT BHT BHT BHT	4H 7H 11H 18H	- 53.9 55.6 54.2	- 27.2 28.3 27.4
TG 1	EAST RUSTON (TG32NE/001)	35392678	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)	12263013	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)	29373450	N52 51 33 E 1 24 25	GEOCH HF	OXU	75	42	10.2	660	27.8	26.7	EQM			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. M	SUR- FACE TEMP	DEPTH (M)	TEMP C	TEMP GRAD C/KM	TYPE OF OBS	PAGE 61		
													TIME FROM CIRC	CORR. TEMP C	CORR. TEMP GRAD C/KM
TG 6	GIMINGHAM	28353764	N52 53 14 E 1 23 40		NCB	79	50	10.2	1280	42.0	24.8	BHT			
TG 7	BACTON NO 2	33393449	N52 51 24 E 1 28 1		SHL	77	16	10.4	706 1527 1527	41.1 48.9 49.4	43.5 25.2 25.5	BHT BHT BHT	9H 15H 18H	44.1 49.9 49.9	47.7 25.9 25.9
TL 1	GREAT PAXTON (TL26SW/002)	20886389	N52 15 34 W 0 13 43		IGS	66	23	10.4	197	13.3	14.7	LOG			
TL 2	WARDOYS (TL27NE/001)	29037839	N52 23 16 W 0 6 13		IGS	65	21	10.4	217	15.8	24.9	LOG			
TL 3	UPWOOD (TL28SW/001)	24938304	N52 25 50 W 0 9 44		IGS	65	6	10.5	211	21.1	50.2	BHT			
TL 4	HUNTINGDON (TL27SW/025)	23697143	N52 19 35 W 0 11 5	HF	I.C IGS		14	10.4	229 235	17.1 17.1	29.3 28.5	EQM LOG	1H	-	-
TL 12	CAMBRIDGE	43165949	N52 12 52 E 0 5 44		'9	52	30	10.2	53 100 130 175 236	11.8 13.4 14.3 15.0 15.8	30.2 32.0 31.5 27.4 23.7	EQM EQM EQM EQM EQM			
TL 13	ASHWELL NO.1 (TL23NE/001)	285 392	N52 2 9 W 0 7 35		SUP	65	58	10.7	184	24.4	74.5	BHT			
TL 14	LAKENHEATH 1 (TL78SW/001)	748 830	N52 25 59 E 0 34 14		SUP	65	7	10.5	220	15.6	23.2	BHT			
TL 15	LITTLE CHISHILL (TL43NE/001)	452 363	N52 0 20 E 0 6 56		SUP	65	131	10.2	255	24.4	55.7	BHT			
TL 37	CLARE	78984533	N52 4 37 E 0 36 43		IGS	79	42	10.7	264	17.3	25.0	LOG	27H	17.3	25.0
TM 6	ELLINGHAM NO.1 (TM09NW/001)	02629847	N52 32 46 E 0 59 17		SUP	65	58	10.7	316	18.3	24.1	BHT			
TQ 2	WARLINGHAM (TQ35NW/001)	34765719	N51 17 50 W 0 4 0		IGS	57	106	10.9	1408	57.8	33.3	LOG	3H	-	-
TQ 3	FETCHAM MILL (TQ15NE/004)	15815650	N51 17 43 W 0 20 19	HF	I.C		31	11.3	121 268	12.8 16.8	12.4 20.5	EQM EQM			

INDEX NO.	NAME OF BOREHOLE /LOCALITY (IGS REF)	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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 13	TATSFIELD NO.1 (TQ45NW/005)	42425699	N51 17 37 E 0 2 34		ESO	66	194	10.3	1405	51.7	29.5	BHT			
TQ 14	BLETCHINGLEY 1 (TQ34NE/009)	36234773	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	BLETCHINGLEY 2 (TQ34NE/010)	35534794	N51 12 50 W 0 3 33		ESO	66	66	10.6	1123	51.7	36.6	BHT			
TQ 16	BLETCHINGLEY 3 (TQ34NW/051)	32754876	N51 13 19 W 0 5 55		ESO	66	88	10.5	1159	50.6	34.6	BHT			
TQ 17	BLETCHINGLEY 4 (TQ34NW/052)	34934838	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	COWDEN-1 (TQ44SE/001)	46684278	N51 9 53 E 0 5 53		BAC	71	123	10.3	1840	62.0	28.1	BHT	3H	-	-
TQ 21	WESTHAM NO.1 (TQ60NW/013)	60970535	N50 49 28 E 0 17 8		CAM	73	3	11.0	1291	47.8	28.5	BHT	3H	-	-
TQ 22	COLLENDEAN FARM (TQ24SW/001)	24804429	N51 11 1 W 0 12 51		ESO	64	80	10.5	1622	60.5	30.8	BHT			
TQ 23	HOLNEY NO.1 (TQ22SE/017)	28012427	N51 0 10 W 0 10 31		ESO	63	65	10.6	1966 2413	60.0 76.1	25.1 27.1	BHT BHT			
TQ 26	CANVEY ISLAND (TQ33SW/001)	82158330	N51 31 7 E 0 37 32		IGS	53	3	11.5	404 532	17.0 25.0	13.6 25.4	LOG LOG	2H	-	-
TQ 38	CLIFFE NO.1	72407632	N51 27 32 E 0 23 54		GEOCH B.P	59	3	11.5	251	22.8	45.0	DST			
TQ 39	CLIFFE NO.5	79667489	N51 26 48 E 0 27 22		B.P	59	2	11.0	297	27.2	54.5	DST			
TQ 40	RICHMOND VESTRY	U21 75	N51 27 38 W 0 15 29		6	NC	5	11.0	408 441	24.2 24.9	32.4 31.5	BHT BHT			
TQ 41	HANKHAM COLLIERY	62 05	N50 55 59 W 0 15 60		HF	3	39	10.8	236	16.3	23.3	ERM			
TQ 42	KENTISH TOWN	283 862	N51 33 34 W 0 8 56		6	NC	66	11.1	305 335	19.8 29.9	28.5 29.3	BHT BHT			

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF(10M)	LATITUDE/ LONGITUDE	OTH DAT	SRCE OF DATA	YR	O.D HT. 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
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(IGS REF)

TR 61	ASHOUR NO 1	56354415	N51 10 29 E 0 14 13		CON	81	81	10.5	244	30.6	82.3	DHT			
									736	45.6	47.7	BHT	5H	54.6	59.9
									736	46.1	48.4	BHT	10H	48.6	51.7
TR 62	DETENTION NO 1	74734020	N51 8 1 E 0 29 54		CON	81	54	10.7	1172	45.6	29.8	DHT	6H	52.6	35.8
TR 49	NORTHWALL ROAD	36815356	N51 13 53 E 1 23 32		NCB	76	4	11.5	268	12.5	3.7	UNT			
TR 50	EASTLING WOOD	30334729	N51 10 40 E 1 17 44		NCB	76	101	10.9	1273	42.0	24.4	BHT	9H	45.0	26.8
									1273	43.0	25.2	BHT			
TR 53	SWANTON COURT	23876155	N51 18 30 E 1 12 44		NCB	78	145	10.6	1266	37.2	21.0	BHT	5H	46.2	28.1
									1266	42.8	25.4	BHT	13H	44.3	26.6

TABLE II: HEAT FLOW DATA

Explanation of certain column headings
and abbreviations

INDEX NO. As for Table I in which the grid reference is also given when not included in Table II.

INTERVAL OF MEASUREMENT indicates the depth interval over which temperature and conductivity measurements were made and for which the heat flow is calculated.

STRAT. LEVEL stratigraphic level(s) over the interval of measurement. The abbreviations used are the same as for Table I.

LITHOLOGY simplified lithology over the interval of measurement. The following abbreviations are used:

BASA	:	Basalt	LMST	:	Limestone
CHLK	:	Chalk	MDST	:	Mudstone
DOLR	:	Dolerite	SDST	:	Sandstone
GRAN	:	Granite	SHAL	:	Shale
HALI	:	Halite	SLAT	:	Slate

MEAN TEMP. GRAD. °C/KM Mean temperature gradient over the interval of measurement in degrees Centigrade per kilometre. The gradients are not usually the same as those quoted in Table I unless the top of the interval of measurement is at the surface.

THERMAL CONDUCT. thermal conductivity in watts/(metre degree Centigrade). The mean conductivity is quoted together with the number of samples measured.

HEAT FLOW in milliwatts/square metre. The left hand column gives the calculated heat flow including topographic correction (where applied) but excluding climatic correction. The right hand column includes a climatic correction.

DATA CLASS the meanings of the classifications are given in section 4.2 of the original catalogue.

HEAT FLOW DATA: ANDERSON (1940)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP GRAD. C/KM	THERMAL CONDUCT. W/M C MEAN NO.	HEAT FLOW MW/M		DATA CLASS	COMMENTS
		TOP	BOT.						+CLI MATE		
NO 9	BALFOUR	0	1205	CN	SDST SHAL	19.9	1.88	37	50	B	RECALCULATION OF BENFIELDS CONDUCTIVITIES
NS 10	SOUTH HALGRAY	0	137	C	"	46.9	1.54	72	86	C	"-
NS 12	BLYTHSWOOD	18	106	CN	"	36.5	1.61	59	73	C	"-
NT 15	BORELAND	0	1006	CU	"	20.2	1.96	6	40	54	A
NZ 36	SOUTH HETTON (DURHAM)	0	529	CU	"	30.6	2.01	62	76	C	CONDUCTIVITIES FROM MEASUREMENTS IN OTHER HOLES
SD901	ROSE BRIDGE (WIGAN)	0	745	CU	"	32.7	1.33	43	56	C	"-

HEAT FLOW DATA: BENFIELD (1939)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP. GRAD. C/KM	THERMAL CONDUCT. W/M C MEAN NO.	HEAT FLOW MW/M		DATA CLASS	COMMENTS	
		TOP	BOT.						+CLI MATE			
NO 9	BALFOUR	543	1205	CN	SDST SHAL	19.9	1.82	36	49	B	CONDUCTIVITIES FROM BORELAND HOLE EST.(UNCORR.) SURFACE HF	
								28				
NS 10	SOUTH BALGRAY	0	137	C	"	46.9	1.36	64	77	C	CONDUCTIVITIES OBTAINED FROM MEASUREMENTS	
NS 12	BLYTHSWOOD	18	106	CN	"	36.5	1.43	52	65	C	IN BORELAND HOLE	
SJ 41	HOLFORD	61	168		MARL	20.6	1.51	5	31	58	A	
		168	396		HALI	9.8	3.93	1	38	62	A	
		61	396						34	60	A	MEAN HEAT FLOW VALUE
TQ 41	HANKHAM	0	235	K J	159 257 SHAL SILT LMST	23.4	1.26	8	30	47	C	UNCERTAIN LITHOLOGY

HEAT FLOW DATA: BOTT ET AL 1972 & CHADWICK 1956 (CAMBRIDGE)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP GRAD. C/KM	THERMAL CONDUCT. W/M C MEAN NO.	HEAT FLOW MW/M		DATA CLASS	COMMENTS
		TOP	BOT.						+CLI MATE		
NY 5	ROOKHOPE	427	792		GRAN	31.1	2.94 21	92		A	TEMP. GRADIENT INCLUDES TOPOGRAPHIC CORRECTION OF -1.3 C/KM. HEAT FLOW ESTIMATED ACCURATE WITHIN 2%
NZ 3	WOODLAND	198	488	CU 100 CN 402 CL 469	SDST LMST DOLR SHAL	46.9	4.0 24 2.82 2.21 1.4	96		B	CONDUCTIVITY VALUE OF BULLARD & NIBLETT USED FOR SHALE
NZ 36	SOUTH HETTON	355	529	CU	SDST SHAL COAL	36.2	2.77 1.36 0.237	58		C	RECALCULATION OF DATA USED BY ANDERSON TO EXCLUDE AQUIFER IN PERMIAN. BULLARD & NIBLETT CONDUCTIVITIES USED.
TL 12	CAMBRIDGE	130	236	CL		14.5		16 54 62		A	CHADWICK 1956

HEAT FLOW DATA: BULLARD AND NIBLETT 1951

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP GRAD. C/KM	THERMAL CONDUCT. W/M C MEAN NO.	HEAT FLOW MW/M	DATA CLASS	COMMENTS		
		TOP	BOT.									
NZ 30	KIRKLEATHAM	71	935	J T P	128 603 961	MARL SDST SHAL LMST	21.1	2.29	54*	48	A	* INDICATES TOTAL NO. OF CONDUCTIVITY MEASUREMENTS IN ALL BOREHOLES
NZ 31	TOCKETTS	143	906	J T P	355 855 1136	"	27.5	1.80	54*	49	A	
SK240	EAKRING 5	305	599	T P C	250 359 732	"	74.4	1.54	54*	114	C	POSSIBLY DISTURBED BY WATER FLOW
SK241	EAKRING 6	305	662	T P CU	247 344 669	"	74.0	1.55	54*	115	C	--
SK242	EAKRING 64	428	611	T P CU	277 388 631	"	60.2	1.37	54*	82	C	--
SK243	EAKRING 141	305	606	T P C	212 326 671	"	72.1	1.67	54*	120	C	--
SK244	CAUNTON 11	244	650	T P C	265 380 769	"	38.2	1.84	54*	70	A	
SK245	KELHAM HILLS	305	668	T P C	354 437 768	"	34.7	1.77	54*	62	A	

HEAT FLOW DATA: MULLINS AND HINSLEY (1957/8)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP GRAD. C/KM	THERMAL CONDUCT. W/M C MEAN NO.	HEAT FLOW MW/M	DATA CLASS	COMMENTS
		TOP	BOT.							
SK 97	PAPPLEWICK	240	695	CU	SDST MARL LMST	36.6	NS 26*	71	A	NS=NOT SPECIFIED * INDICATES TOTAL NUMBER OF CONDUCTIVITY MEASUREMENTS IN ALL BOREHOLES
SK 99	RANBY CAMP	0	314	PT	"	20.5				
		314	985	CU	"	38.8				
		246	985		"	35.6	NS 26*	83	A	
SK101	RANBY HALL	0	270	PT	"	12.7				
		270	975	CU	"	36.5				
		154	975		"	34.5	NS 26*	77	A	
SK102	SCAFTWORTH	0	367	PT	"	11.6				
		367	1146	CU	"	38.0				
		225	1146		"	34.6	NS 26*	75	A	
SK195	GOOSEDALE	191	534	CU	"	33.6	NS 26*	64	A	
SK216	MISSON	787	1192	CU	"	40.7	NS 26*	85	A	

HEAT FLOW DATA: PUGH (1977)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID. REF(100M)	WATER DEPTH M	HEAT FLOW MW/M	DATA CLASS	COMMENTS
NH901	LOCH NESS 1	396 104	150	73	C	LAKE SEDIMENT MEASUREMENT
NH902	" " 2	428 145	190	64	C	" " "
NH903	" " 3	463 184	217	62	C	" " "
NH904	" " 4	482 208	200	57	C	" " "
NH905	" " 5	500 223	169	82	C	" " "
NH906	" " 6	501 229	207	67	C	" " "
NH907	" " 7	518 248	217	55	C	" " "
NH908	" " 8	536 276	224	43	C	" " "
NH909	" " 9	560 309	221	43	C	" " "
SD907	LAKE WINDERMERE 1	394 979	42	69	C	" " "
NY901	" " 2	382 006	65	69	C	" " "
NY902	" " 3	382 010	58	74	C	" " "

HEAT FLOW DATA: OXBURGH AND RICHARDSON

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP GRAD. C/KM	THERMAL CONDUCT. W/M C		HEAT FLOW MW/M	DATA CLASS	COMMENTS
		TOP	BOT.				MEAN	NO.			
NZ 33	BOULBY MINE	799	1087	P	MARL	21.0	2.23 ±.32	25	47 ±7	A	TEMPERATURES MEASURED DURING SHAFT SINKING
SD 3	RAYDALE	520	593		GRAN	19.5	3.65 ±.08	15	65 ±37	A	CASED AND SEALED HOLE WATER FLOW IN LIMESTONE (TOP PART OF HOLE) DOES NOT AFFECT READINGS IN GRANITE. INCLUDES TOPOGRAPHIC CORRECTION -6 W/M
SD 9	KIRKHAM	20	400	T	SDST	37.2	1.96		71	B	WATER BOARD HOLE ESTIMATED CONDUCTIVITY.
SE 48	NORTH DUFFIELD	875	960	C	SILT MDST COAL	46.2	1.30 ±.29	41	60 ±15	A	TEMPERATURES MEASURED DURING BREAKS IN DRILLING
SE 67	SKIPWITH	10	210	T	SDST	16.9	3.22		54	B	WATER BOARD HOLE ESTIMATED CONDUCTIVITY
SE 68	SKIPWITH BRIDGE	10	165	T	SDST	18.0	3.22		59	B	WATER BOARD HOLE. ESTIMATED CONDUCTIVITY
SE 69	APPROACH FARM	10	165	T	SDST	16.7	3.22		54	B	WATER BOARD HOLE ESTIMATED CONDUCTIVITY
SH 1	MOCHRAS	76	440	N	MDST	18.9	3.01 ±.38	36	57 ±13	A	CASED AND SEALED HOLE
SH 3	BRYN TEG	0	340	E IG	283 442 SDST SILT TUFF BASA	10.9	4.23	35	44	A	CASED AND SEALED HOLE ESTIMATED CONDUCTIVITY INCLUDES TOPOG. CORR. -2.5 MW/M
		280	340			13.3	3.14	8	41	A	PREFERRED VALUE INCLUDES TOPOG. CORR. -1.3 MW/M

HEAT FLOW DATA: OXBURGH AND RICHARDSON (CONT.)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP GRAD. C/KM	THERMAL CONDUCT. W/M C MEAN NO.	HEAT FLOW MW/M		DATA CLASS	COMMENTS
		TOP	BOT.						+CLI MATE		
SH 4	COED-Y-BRENIN	200	400	0	META	13.2	3.46 ±.22	23	42 ±7	A	CASED AND SEALED HOLE INCLUDES -3.3MW/M TOPOG.CORR.
SJ 37	BRADLEY MILL	70	190	PT	SDST	18.0	3.22		59	C	WATER BOARD HOLE ESTIMATED CONDUCTIVITY
SJ 38	CLOTTON	10	305	PT	SDST	9.8	3.22		33	C	WATER BOARD HOLE ESTIMATED CONDUCTIVITY
SJ 39	ORGANSDALE	70	470	PT	SDST	7.9	3.22		25	C	WATER BOARD HOLE ESTIMATED CONDUCTIVITY
SJ 40	PRIORS HEYES	10	340	PT	SDST	11.0	3.22		34	C	WATER BOARD HOLE ESTIMATED CONDUCTIVITY
SK107	EYAM	82	612	C	LMST	5.1	3.47		17	C	CASED, NOT SEALED WATER FLOW :NEGATIVE THERMAL GRADIENT 450-575M ESTIMATED CONDUCTIVITY
SK246	LONG BENNINGTON	35	230	PT	SDST	27.8	3.22		88	C	WATER BOARD HOLE ESTIMATED CONDUCTIVITY
SK293	CORRINGHAM	40	385	J T	SDST	36.7	1.76		63	B	WATERBOARD HOLE ESTIMATED CONDUCTIVITY
SN 21	GLANFRED	281	396	S	MDST	20.0	3.19 ±.51	19	59 ±14	A	CASED AND SEALED HOLE. INCLUDES TOPOG.CORR. -6.3MW/M

HEAT FLOW DATA: OXBURGH AND RICHARDSON (CONT.)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP GRAD. C/KM	THERMAL CONDUCT. W/M C		HEAT FLOW MW/M	DATA CLASS	COMMENTS
		TOP	BOT.				MEAN	NO.			
SO 14	MALVERN GASWORKS	35	245	T	SDST	16.2	2.05		34	C	WATER BOARD HOLE. ESTIMATED CONDUCTIVITY
SP 1	STEEPLE ASTON	106	439	C	MDST SDST	17.4	2.62	7	46	A	CASED AND SEALED HOLE HEAT FLOW CALCULATED FROM 7 SPECIFIC INTERVALS
SP 30	WITHYCOMBE FARM	841	1060	S	MDST BASA	25.4	2.35 ±.60	15	60 ±11	A	CASED AND SEALED HOLE
SP 61	THORPE BY WATER	280	360	D	SILT	15.7	3.64 ±.35	32	56 ±10	A	CASED AND SEALED HOLE INCLUDES TOPOG.CORR. -0.8MW/M
SP 62	CROFT	222	324		GRAN	12.5	2.92 ±.09	20	37 ±2	A	UNCASED HOLE IN IMPERMEABLE GRANITE
SU 25	FAIR CROSS	75	310	K	CHLK	29.8	1.91		59	B	WATER BOARD HOLE ESTIMATED CONDUCTIVITY
SU 26	BARTON STACEY	84	269	K	CHLK	22.6	1.91		42	C	WATER BOARD HOLE ESTIMATED CONDUCTIVITY
SU 27	CLUMPHILL	110	400	K	CHLK	35.9	1.91		67	C	WATER BOARD HOLE ESTIMATED CONDUCTIVITY
SU 65	VERNHAMS DEAN	60	115	K	CHLK	13.5	1.91		25	C	WATER BOARD HOLE ESTIMATED CONDUCTIVITY

HEAT FLOW DATA: OXBURGH AND RICHARDSON (CONT.)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP. GRAD. C/KM	THERMAL CONDUCT. W/M C MEAN NO.	HEAT FLOW MW/M	DATA CLASS	COMMENTS
		TOP	BOT.							
ST 38	WEST LAVINGTON	80	152	JD	CLAY	36.9	1.28	42	C	CASED AND SEALED HOLE ESTIMATED CONDUCTIVITY
TF 30	STENIGOT (DONNINGTON-ON-BAIN)	30	195	JD	CLAY	58.8	1.28 ±.34	10 75 ±29	A	CASED AND SEALED HOLE
TG 3	TRUNCH	530	630	K J T	512 633 651 MDST	53.0	1.18 ±.14	9 63 ±14	A	CASED AND SEALED HOLE HEAT FLOW IN UPPER PART (THROUGH CHALK) SIGNIFICANTLY LESS

HEAT FLOW DATA: OXBURGH AND OTHERS (1980)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF.(100M)	HEAT FLOW MW/M	DATA CLASS	COMMENTS
HY 3	WARBETH	235 089	46	A	
NC 11	STRATH HALLIDALE A	999 453	43	A	
ND 12	STRATH HALLIDALE B	023 416	53	A	
ND 13	ACHANARRAS	152 545	42	A	
ND 14	HOUSTRIE OF DUNN	203 546	45	A	
ND 15	YARROWS	310 445	52	B	ESTIMATED CONDUCTIVITY
NJ 1	TILLEYDESK	957 364	29		
NN 2	BALLACHULISH	034 564	53	A	
NO 15	MONTROSE	721 604	46	A	
NR 1	MEALL MHOR	835 745	57	A	

HEAT FLOW DATA: OXBURGH AND OTHERS (1980)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF.(100M)	HEAT FLOW MW/M	DATA CLASS	COMMENTS
NS 98	KIPPEROCH	373 774	54	A	
NS101	BARNHILL	426 757	60	B	
NS 3	CLACHIE BRIDGE(CAMPSIE)	645 837	55	A	
NS108	HURLET HOUSE	501 612	60	A	
NT 56	LIVINGSTON	018 691	66	A	
NX 2	CASTLE DOUGLAS	717 550	61	A	
SD 15	BECKERMONDS SCAR	864 802	70		
SD 61	GISBURN/SWINDON N01	860 506	66	A	
SE 79	BOOTH FERRY	739 258	57	B	ESTIMATED CONDUCTIVITY
SE 80	TOWTHORPE	618 591	56	B	ESTIMATED CONDUCTIVITY

HEAT FLOW DATA: OXBURGH AND OTHERS (1980)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF. (100M)	HEAT FLOW MW/M	DATA CLASS	COMMENTS
SE 81	KNARESBOROUGH	326 599	40	A	
SH 6	PARYS MOUNTAIN	441 906	59	A	
SK115	WOODLANDS FARM	769 322	49	B	ESTIMATED CONDUCTIVITY
SK116	LEICESTER FOREST E.	524 028	53	A	
SK186	EADY FARM	796 371	54	B	ESTIMATED CONDUCTIVITY
SK315	WELBY CHURCH	723 208	47	A	
SK409	TWYXCROSS	339 056	45	A	
ST 48	ST.FAGAN'S,CARDIFF	105 779	45	A	
SU 23	CADNAM	303 151	60	A	

HEAT FLOW DATA: OXBURGH AND OTHERS (1980)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	BRITISH NAT.GRID REF.(100M)	HEAT FLOW MW/M	DATA CLASS	COMMENTS
SU 61	SHRE ^W _A TON	031 420	56	B	
SU 86	RAMNOR PARKSHILL	312 048	61	A	
SU 72	MARCHWOOD	399 112	(61)	A	(PROVISIONAL VALUE)
SY 23	WINTERBORNE KINGSTON	847 979	70	A	
SY 30	SEABARN FARM	626 805	65	A	
TF 23	BURTON LODGE	114 438	55	B	
TF 38	NETTLETON BOTTOM	125 982	71	A	

HEAT FLOW DATA: TAMMEMAGI AND WHIELDON (1974,1976)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP. GRAD. C/KM	THERMAL CONDUCT. W/M C		HEAT FLOW MW/M		DATA CLASS	COMMENTS	
		TOP	BOT.				MEAN	NO.	+	CLI MATE			
ID 1	PORT MORE	442	580	IG K J IG	77 168 437 661	DOLR		16	80	87	A		
NT 7	MARSHALL MEADOWS	152	183	CU		LMST SDST	16.0	3.17	15	51	A		
SS 14*	SOUTH MOLTON (BKM 4)	9	73	DU		SDST	16.0	3.44	14	55	59	A	
SS 15	HONEYMEAD NO.2 (IGS 2)	10	286	DU		SLAT SDST LMST	12.3	4.38	13	54	57	A	
ST 7	CURRYPOOL FARM	9	182	D			18.0	2.77	25	61	68	A	
ST 12	CANNINGTON PARK		760						159	45	50	A	
SW 6	WHEAL JANE E	20	143	DL		SLAT SILT	47.2	2.89	19	136	145	A	LOCATED OVER LARGE UNDERLYING GRANITE BATHOLITH
SW 8	WHEAL JANE P	20	268	DL		"	42.3	2.99	15	126	134	A	---
SW 9	WHEAL JANE O	20	300	DL		"	42.0	2.70	15	113	120	A	---
SW 10	LONGDOWNS	30	182	P		GRAN	34.8	3.10	50	112*	118	A	*INCLUDES PARTIAL CLIMATIC CORRECTION
SW926	GEEVOR MINE	124	402	P		"	37.9	3.39	31	129	135	A	
SW928	SOUTH CROFTY	440	650	P		"	35.8	3.60	57	129	138	A	

HEAT FLOW DATA: TAMMEMAGI, WHIELDON AND OTHERS (CONT.)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP. GRAD. C/KM	THERMAL CONDUCT. W/M C		HEAT FLOW MW/M		DATA CLASS	COMMENTS	
		TOP	BOT.				MEAN	NO.		+CLI MATE			
SX 2	WILSEY DOWN	30	726	C D C	461 708 726	SLAT	30.5	2.21	37	67	74	A	INCLUDES TOPOGRAPHIC CORRECTION
TL 4	HUNTINGDON	152	244	J	151		15.9	2.37	18	38		A	
TQ 3	FETCHAM MILL	152	268	KU		CHLK	27.0	1.97	14	53		B	

HEAT FLOW DATA: WHIELDON AND OTHERS (1980)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP. GRAD. C/KM	THERMAL CONDUCT. W/M C		HEAT FLOW MW/M		DATA CLASS	COMMENTS
		TOP	BOT.				MEAN	NO.		+CLI MATE		
SW 30	TROON	122	P	GRAN		40	123*	130	A	* INCLUDES PARTIAL CLIMATIC CORRECTION		
SW 31	ROSEMANOWAS A	303	P	GRAN		52	105*	114	A			
SW 32	ROSEMANOWAS D	292	P	GRAN		52	106*	115	A			
SW 13	GRILLIS FARM	100	P	GRAN		33	113*	120	A			
SW 34	POLGEAR BEACON	100	P	GRAN		23	122*	129	A			
SW 11	MEDLYN FARM	100	P	GRAN		32	114*	121	A			
SW 15	TREVEASE FARM	100	P	GRAN		33	112*	119	A			
SW 14	TREERGHAN FARM	100	P	GRAN		32	113*	120	A			
SW 38	NEWMILL	100	P	GRAN		32	124*	131	A			
SW 39	BUNKER'S HILL	100	P	GRAN		31	124*	131	A			
SW 40	NEWLYN EAST	103				34	105*	111	A			
SW 41	BELOWDA BEACON	141				31	86*	91	A			
SW 16	PREDANNACK	304				61	61*	69	A			
SW 43	KENNACK SANDS	152				22	73*	79	A			

HEAT FLOW DATA: WHIELDON AND OTHERS (1980) (CONT.)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP GRAD. C/KM	THERMAL CONDUCT. W/M C MEAN NO.	HEAT FLOW MW/M		DATA CLASS	COMMENTS
		TOP	BOT.					+CLI MATE			
SW 44	MERROSE FARM		100				23	79*	84	A	
SW 45	KESTLE WARTHA		150				41	96*	102	A	
SW 46	GAVERIGAN		325				30	98*	106	A	
SX 9	HEMERDON		128	P	GRAN		12	108*	115	A	
SX 10	BRAY DOWN		100	P	GRAN		31	113*	120	A	
SX 11	BLACKHILL		100	P	GRAN		34	119*	126	A	
SX 12	PINNOCKSHILL		100	P	GRAN		33	121*	127	A	
SX 13	BROWNGELLY		100	P	GRAN		32	108*	115	A	
SX 14	GT. HAMMET FARM		100	P	GRAN		34	119*	126	A	
SX 15	TREGARDEN FARM		100	P	GRAN		32	126*	133	A	
SX 16	COLCERROW		100	P	GRAN		32	126*	133	A	
SX 17	WINTER TOR		100	P	GRAN		34	107*	114	A	
SX 18	BLACKINGSTONE		100	P	GRAN		34	105*	112	A	
SX 19	SOUSSONS WOOD		100	P	GRAN		34	132*	139	A	

HEAT FLOW DATA: WHIELDON AND OTHERS (1980) (CONT.)

INDEX NO.	NAME OF BOREHOLE /LOCALITY	INTERVAL OF MEASUREMENT IN METRES		STRAT. LEVEL	LITH- OLOGY	MEAN TEMP GRAD. C/KM	THERMAL CONDUCT. W/M C		HEAT FLOW MW/M		DATA CLASS	COMMENTS
		TOP	BOT.				MEAN	NO.	+	CLI MATE		
SX 20	LAUGHTER TOR	100	P	GRAN	34	114*	121	A				
SX 21	FOGGIN TOR	100	P	GRAN	34	111*	118	A				
SX 22	LANIVET	86			0	93*	100	A				
SX 23	MELDON	61			25	114*	120	A				
SX 24	BOVEY TRACEY	95			33	95*	101	A				
SX 25	CALLYWITH FARM	150			47	101*	106	A				

TABLE III A AND III B: GEOCHEMICAL DATA

The geochemical data are presented in two halves: the first (Table III A) provides site data, sample description and the major element analyses; the second (Table III B) gives the chemical geothermometers plus that information necessary to qualify them, e.g. T^oC, total dissolved solids, SiO₂. The data are arranged by national grid square and alphabetically by borehole name. Only partial listing of the data stored on file is presented in this report for most sites.

TABLE III A

INDEX the IGS hydrochemical data file number.

NAME OF BOREHOLE/LOCALITY abbreviated site description.

NAT. GRID REF. UK national grid reference to 10 figures where available.

DEPTH, M, 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. M. 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.

DATE month and year in which chemical analysis was carried out - thus, 0474 refers to April 1974.

TYPE Code refers to sample source as follows:

- Ø2 - spring
- Ø7 - borehole, well (undifferentiated)
- Ø9 - depth sample
- 1Ø - pumped sample
- 11 - artesian overflow
- 12 - surface mine drainage (adit)
- 13 - underground mine drainage
- 17 - interstitial
- 26 - thermal spring
- 27 - drill-stem test

NA, K, CA etc Chemical analyses in milligrams per litre (mg/l).

SEQ NO	LOCALITY	N	G	R	DEPTH, M		DATE	TYPE	ANALYSES, MILLIGRAMMES PER LITRE						R	ID	
					WELL	SAMPL			NA	K	CA	MG	HCO3	SO4			CL
81	777 LARNE DST2 STAND 40	1556	0569		2880.	1347.		27	75500.	314.0	2780.	861.0	79.0	3060.	114700.	32.6	ID
76	733 BALLYLOUGHAN BRIDGE	18470	HR047		555.	238.	1276	11	97.	4.0	13.	9.0	246.0	7.	58.	49.7	IH
76	730 WILSONS BRIDGE NO.3	1887	H476		357.	166.	1276	11	73.	3.4	48.	23.0	275.0	128.	23.	43.3	IH
79	234 BALLYMACILROY ANTRIM	13060	J3975		2272.	1526.	0279	17	32200.	280.0	6000.	920.0	.0	3900.	58000.	19.8	IJ
79	263 BALLYMACILROY ANTRIM	13060	J3975		2272.	1902.	0379	27	39000.	490.0	6400.	1100.0	.0	1600.	70000.	21.4	IJ
67	203 STRATHPEFFER STRHLND	N49	H58		0.	0.		02	72.	9.0	134.	120.4	145.6	778.	39.	58.9	NH
67	204 STRATHPEFFER STRONG	N49	H58		0.	0.		02	32.	13.2	302.	89.7	259.1	924.	0.	32.4	NH
761277	LUDWELL BRDG OF EARN	N13	018		0.	0.		08	259.	7.4	406.	19.2	60.2	19.	1037.	7.2	
761279	UCHLSPA HRDG OF EARN	N13	018		0.	0.		08	12.	4.4	26.	5.7	38.4	18.	10.	24.8	NO
761278	SPAWELL BRDG OF EARN	N13	018		0.	0.		08	577.	11.8	820.	45.6	58.9	43.	2317.	8.3	
771057	BARONY COLLIERY	N51050519710			0.	412.	1176	13	1155.	18.0	42.	28.0	923.0	20.	1380.	47.4	NS
771058	BARONY COLLIERY	N51410519188			0.	366.	1176	13	465.	5.0	3.	1.7	574.0	25.	373.	33.5	NS
771059	BARONY COLLIERY	N51400519180			0.	366.	1176	13	888.	8.0	14.	5.0	634.0	15.	1037.	31.3	
771060	BARONY COLLIERY	N51100519730			0.	411.	1176	13	520.	8.0	21.	7.0	574.0	18.	514.	31.5	
771044	HUGSIDE COLLRY, FIFE	N96830S87188			0.	297.	1075	13	590.	25.0	233.	26.7	256.0	0.	1271.	15.2	
771045	HUGSIDE COLLRY, FIFE	N95644S87782			0.	334.	1274	13	57.	14.0	40.	7.8	285.0	3.	26.	21.4	
67	201 BRIDGE OF ALLAN	N79	S98		0.	0.	29	02	2000.	10.0	1414.	21.4	105.5	225.	5423.	2.4	
761265	CAMBUS DISTILLERY	N8541	S9409		265.	0.	37	07	577.	.0	286.	84.4	135.1	38.	1320.	32.8	
771024	CASTLEHILL COLLIERY	N97539S92769			0.	365.	1174	13	135.	7.0	22.	5.4	379.0	0.	43.	25.8	
771025	CASTLEHILL COLLIERY	N96760S91067			0.	306.	1174	13	49.	7.0	49.	13.0	327.0	0.	16.	29.0	
771035	CASTLEHILL COLL. FIFE	N97324S92300			0.	344.	1174	13	106.	6.0	11.	3.0	298.0	0.	20.	26.0	
771039	CASTLEHILL COLL. FIFE	N97528S90070			0.	61.	1174	13	26.	5.0	53.	33.0	357.0	10.	20.	49.5	
771040	CASTLEHILL COLL. FIFE	N96632S91160			0.	363.	1174	13	114.	6.0	50.	12.0	384.0	5.	76.	27.2	
771041	CASTLEHILL COLL. FIFE	N96330S90128			0.	298.	1174	13	251.	7.0	38.	13.0	338.0	0.	304.	34.0	
761266	DOUGLAS CLRY LANARK	N83	S30		0.	240.		13	0.	.0	53.	18.4	.0	351.	140.	36.4	
761261	FALLING PITS NO 3	N8	S9		0.	247.	40	13	1026.	.0	78.	14.7	242.9	0.	1383.	23.8	
771050	HIGHHOUSE COLLIERY	N5321	S72027		0.	335.	0675	13	3021.	86.0	142.	40.0	207.0	0.	4785.	26.2	
771051	HIGHHOUSE COLLIERY	N5421	S40042		0.	265.	0975	13	1595.	22.0	5.	25.0	2340.0	18.	1164.	71.7	
771052	HIGHHOUSE COLLIERY	N53830S21109			0.	421.	0675	13	2675.	78.0	93.	27.0	343.0	5.	4269.	25.1	
771053	HIGHHOUSE COLLIERY	N5421	S93063		0.	176.	0375	13	57.	3.0	38.	31.0	313.0	0.	28.	56.4	
771054	HIGHHOUSE COLLIERY	N5321	S72026		0.	436.	0375	13	2957.	24.0	141.	47.0	197.0	0.	4871.	33.6	
771055	HIGHHOUSE COLLIERY	N5421	S01843		0.	399.	0375	13	2660.	33.0	46.	30.0	1563.0	0.	3380.	44.0	
771056	HIGHHOUSE COLLIERY	N5421	S10037		0.	427.	0375	13	2266.	28.0	74.	23.0	338.0	0.	3550.	30.0	
771061	KILLOCH COLLIERY	N48830S21306			0.	655.	0376	13	2408.	31.0	134.	33.0	290.0	0.	3912.	26.6	
771062	KILLOCH COLLIERY	N49094S21144			0.	617.	0376	13	1820.	7.0	49.	16.0	429.0	0.	2677.	33.4	
771063	KILLOCH COLLIERY	N49378S20888			0.	575.	0376	13	944.	8.0	28.	9.0	351.0	51.	1299.	31.6	
771065	KILLOCH COLLIERY	N46897S18590			0.	415.	0376	13	780.	22.0	9.	4.0	956.0	0.	667.	24.6	
771066	KILLOCH COLLIERY	N50023S19518			0.	442.	0476	13	645.	8.0	15.	4.0	557.0	36.	696.	25.7	
771067	KILLOCH COLLIERY	N50000S19954			0.	309.	0376	13	361.	6.0	11.	8.0	474.0	65.	277.	48.4	
771026	KINNEIL COLLY, FIFE	N97508S83641			0.	765.	0474	13	15800.	328.0	13777.	1361.0	46.0	0.	53482.	13.9	
771027	KINNEIL COLLY, FIFE	N98726S82952			0.	537.	0474	13	13200.	227.0	9051.	1409.0	27.0	0.	0.	20.2	
771028	KINNEIL COLLY, FIFE	N97960S83772			0.	703.	0474	13	12000.	260.0	8891.	972.0	112.0	0.	37204.	15.1	
771029	KINNEIL COLLY, FIFE	N98340S82157			0.	543.	0474	13	12750.	192.0	9291.	1215.0	51.0	0.	40108.	17.6	
771030	KINNEIL COLLY, FIFE	N98754S83150			0.	515.	0474	13	6850.	130.0	2964.	705.0	222.0	0.	18016.	27.7	
771031	KINNEIL COLLY, FIFE	N97661S84107			0.	674.	0275	13	9940.	114.0	3244.	705.0	176.0	0.	23430.	26.0	
761271	MAINS LINLITHGOW	N99	S77		128.	0.		07	666.	10.9	184.	47.3	212.2	80.	1258.	29.2	
761272	MAINS LINLITHGOW	N99	S77		137.	0.		07	756.	.0	50.	3.2	67.2	9.	1216.	9.6	
761262	MANOR POWIS STIRLING	N8292	S9478		0.	518.		13	1426.	.0	1321.	4.0	86.3	38.	4453.	.5	
771068	POLKEMMET COLLRY	N92312S68102			0.	488.	0275	13	243.	10.0	32.	6.0	412.0	0.	199.	21.0	
771069	POLKEMMET COLLRY	N92004S63027			0.	549.	1076	13	171.	7.0	19.	19.0	553.0	0.	34.	58.1	NS

SEQ NO	LOCALITY	N G R	DEPTH,M		DATE	TYPE	ANALYSES, MILLIGRAMMES PER LITRE							R	
			WELL	SMPL			NA	K	CA	MG	HCO3	SO4	CL		
771070	PULKEMMET COLLRY	N91900562780	0.	549.	1076	13	212.	9.0	26.	15.0	653.0	0.	34.	44.7	NS
771071	PULKEMMET COLLRY	N91890563490	0.	549.	1074	13	275.	13.0	61.	20.0	944.0	0.	54.	32.8	
771072	PULKEMMET COLLRY	N93366567650	0.	488.	1076	13	160.	5.0	11.	4.0	362.0	0.	65.	32.7	
771073	PULKEMMET COLLRY	N92082568414	0.	495.	1076	13	171.	7.0	42.	9.0	530.0	0.	60.	24.6	
771074	PULKEMMET COLLRY	N92633567654	0.	495.	1076	13	143.	5.0	35.	9.0	460.0	0.	45.	28.3	
771075	PULKEMMET COLLRY	N90710563598	0.	541.	1076	13	245.	8.0	13.	4.0	611.0	0.	54.	27.8	
771076	PULKEMMET COLLRY	N90852563631	0.	541.	1076	13	612.	12.0	3.	25.0	1528.0	0.	80.	81.8	
761453	SALSBURGH NO.1A	N8166 56486	883.	874.	0764	27	7110.	21.8	10756.	67.2	62.0	81.	12354.	1.0	
771036	SOLSGIRTH COLLY.FIFE	N97777593290	0.	387.	1074	13	89.	3.0	147.	3.0	271.0	0.	11.	24.2	
771037	SOLSGIRTH COLLY.FIFE	N97569592836	0.	355.	1074	13	156.	3.0	20.	4.0	412.0	0.	46.	23.4	
771038	SOLSGIRTH COLLY.FIFE	N97623592953	0.	376.	1074	13	148.	3.0	16.	4.4	377.0	0.	47.	29.3	
771042	SOLSGIRTH COLLY.FIFE	N97992593856	0.	219.	1074	13	8.	2.0	22.	7.2	110.0	0.	11.	34.0	
771043	SOLSGIRTH COLLY.FIFE	N98722595393	0.	287.	1074	13	53.	6.0	20.	4.9	222.0	0.	10.	25.9	
761263	THISTLE BRWRY ALLOA	N8877 59281	183.	0.	07	07	30.	16.0	76.	26.1	131.1	98.	34.	33.9	
761264	THISTLE BRWRY ALLOA	N8879 59277	128.	0.	0525	07	15.	5.4	77.	25.7	138.7	63.	24.	34.7	
771032	VALLEYFIELD COLLIERY	N98928584851	0.	745.	0574	13	14050.	170.0	901.	1093.0	26.0	0.	41251.	64.6	
771033	VALLEYFIELD COLLIERY	N98913584793	0.	384.	0574	13	9683.	161.0	6167.	875.0	112.0	0.	28684.	18.8	
771034	VALLEYFIELD COLLIERY	N98680584800	0.	764.	0574	13	14313.	186.0	9411.	1433.0	39.0	0.	43168.	19.9	
771023	VALLEYFIELD COLLIERY	N98288583576	0.	907.	0975	13	27489.	731.0	23788.	3256.0	24.0	0.	96134.	18.2	NS
761276	ALUM WKS BURNTISLAND	N2251 18633	123.	0.	1240	07	189.	0.	155.	70.0	222.6	104.	435.	42.6	NT
771046	HILSTON GLEN COLLRY	N29961163201	0.	671.	1173	13	50.	19.0	56.	24.0	334.0	0.	68.	37.6	
761260	BLAIRHALL CLY CULROSS	N004 1885	0.	596.	0343	13	288.	0.	71.	57.1	261.4	70.	369.	56.9	
761236	GORE PIT EDINBURGH	N3394 16143	0.	213.	07	13	148.	0.	143.	84.0	102.8	445.	68.	49.2	
771047	LADY VICTORIA COLLRY	N32946166666	0.	768.	0374	13	11.	4.0	760.	41.0	437.0	0.	21.	8.2	
771048	LADY VICTORIA COLLRY	N32454165148	0.	789.	0374	13	55.	29.0	141.	39.0	443.0	0.	216.	29.2	
771049	LADY VICTORIA COLLRY	N33242165624	0.	623.	0374	13	23.	13.0	65.	35.0	350.0	0.	61.	44.6	
761273	LINO WKS KIRKCALDY	N2861 19286	146.	0.	1235	10	94.	27.0	228.	189.6	345.3	920.	79.	56.3	
67 111	MUFFAT WELL DUMFRIES	N08 105	0.	0.	02	02	392.	4.0	61.	25.0	141.0	14.	721.	39.5	
761465	PUMPHURSTON NO.1	N0733 16979	1175.	1037.	0163	27	31731.	271.0	14000.	2184.0	55.0	15.	20230.	20.3	
771022	SEAFIELD COLLIERY	N31847186914	0.	520.	1074	13	308.	4.0	761.	340.0	167.0	0.	2769.	42.4	NT
761269	ARD WTR FCTRY DMFRS	N9746 17627	123.	0.	02 07	07	53.	0.	100.	25.6	113.5	97.	51.	29.7	
761268	OLD BREWERY DUMFRIES	N9685 17621	97.	0.	07	07	8.	0.	26.	13.4	60.8	7.	13.	46.4	NX
761270	ANNAN DUMFRIES	N1820 16520	61.	0.	0434	07	102.	0.	52.	34.6	67.9	40.	215.	52.3	
761235	CREAMERY LOCKERBIE	N1387 18153	183.	0.	0255	07	98.	0.	138.	57.0	88.4	544.	50.	40.5	
761267	KERSHOPEFOOT NWCSILT	N47 182	0.	0.	0538	07	10.	0.	59.	26.6	135.2	21.	8.	42.7	NY
761234	PRISTDYK FM LOCKRBIE	N1037 18160	122.	0.	74 07	07	11.	3.0	36.	15.0	81.1	37.	13.	39.7	
71 140	BLACKHALL COLLIERY	N510 2430	0.	0.	0171	13	68500.	5750.0	3200.	2400.0	68.0	4046.	119150.	39.2	NZ
71 291	BLACKHALL COLLIERY	N46880239800	0.	373.	1162	13	16950.	1158.0	1841.	940.0	111.0	231.	27664.	38.9	
71 301	BLACKHALL COLLIERY	N49867242485	0.	381.	0564	13	53000.	5240.0	2723.	2187.0	117.0	5550.	101656.	40.0	
71 304	BLACKHALL COLLIERY	N50090242280	0.	443.	0655	13	42680.	490.0	11626.	2680.0	29.0	0.	85280.	27.1	
771094	CASTLE EDEN	N437 2381	192.	0.	0976	10	87.	6.0	90.	62.6	360.0	220.	106.	52.6	
771092	CRUOKFOOT HARTLEPOOL	N4337 23147	167.	0.	0975	10	25.	2.2	47.	26.5	245.0	42.	28.	47.6	
811136	EGTON HIGH MOOR NO.1	N76956202788	1233.	1227.	0269	27	85404.	413.0	1680.	336.0	335.0	4173.	134190.	22.7	
811137	EGTON HIGH MOOR NO.1	N76956202788	1297.	1289.	0269	27	113002.	296.0	1180.	120.0	792.0	6120.	171820.	12.9	
811099	ESKDALE NO.10	N8 20	1347.	1334.	1253	27	115674.	3558.0	3416.	1007.0	37.0	1294.	189580.	24.1	
811100	ESKDALE NO.10	N8 20	1468.	1455.	0254	27	119800.	3233.0	2870.	404.0	18.0	2328.	192400.	12.8	
811102	ESKDALE NO.11	N8544 20424	1498.	1493.	1257	27	115420.	3556.0	3848.	786.0	59.0	1333.	189570.	18.6	
811101	ESKDALE NO.11	N8544 20424	1715.	1655.	0258	27	118508.	5136.0	1792.	218.3	117.0	3776.	188500.	7.5	
811103	ESKDALE NO.12	N857 2082	1715.	1702.	0763	27	117320.	9126.0	1920.	384.0	69.0	1967.	192055.	8.8	
761424	HARTON NO.1	N3966 26562	975.	942.	0360	27	55637.	555.0	9280.	2140.0	18.0	18.	109000.	27.0	NZ

*TYPE CODES ARE 02SPRING,03STREAM,07BOREHOLE/WELL,08SHALLOW WELL,09DEPTH SAMPLE,10PUMPED SAMPLE,11ARTESIAN FLOW, 12MINE DRAINAGE (SURF),13MINE DRAINAGE (U/GROUND),17INTERSTITIAL,23COND. STEAM,24ENTRAINED WATER,25THERMAL G/WATER, 26THERMAL SPRING,27DRILL STEM TEST

SEQ NO	LOCALITY	N G R	DEPTH.M		DATE	TYPE	ANALYSES, MILLIGRAMMES PER LITRE							R	
			WELL	SMP L			* NA	K	CA	MG	HCO3	SO4	CL		
761425	HARTON NO.1	N3966 26562	1338.	1322.	0360	27	62582.	560.0	9608.	2270.0	58.5	7.	120700.	27.5	NZ
761426	HARTON NO.1	N3966 26562	1624.	1609.	0560	27	60369.	770.0	15840.	1790.0	14.6	82.	127100.	15.4	
771095	HAWTHORN B/H	N415 2448	151.	0.	0276	10	23.	2.1	76.	42.0	264.0	130.	35.	47.3	
71 132	HORDEN COLLIERY	N46408242553	0.	245.	0171	13	11400.	240.0	2400.	1400.0	175.0	1000.	26020.	47.8	
71 133	HORDEN COLLIERY	N46455242825	0.	250.	0171	13	19700.	360.0	5000.	1600.0	140.0	0.	42030.	33.7	
71 134	HORDEN COLLIERY	N46070243590	0.	244.	0171	13	19700.	300.0	4800.	1600.0	88.0	0.	41835.	34.8	
71 135	HORDEN COLLIERY	N47150243740	0.	267.	0171	13	10700.	520.0	1200.	1600.0	140.0	4046.	25500.	64.3	
71 142	HORDEN COLLIERY	N46077243731	0.	213.	0271	13	16700.	240.0	3600.	1400.0	104.0	0.	35230.	38.3	
71 324	HORDEN COLLIERY	N46110242310	0.	234.	0264	13	24000.	300.0	4565.	1312.0	98.0	3.	38340.	31.4	
71 326	HORDEN COLLIERY	N46420200558	0.	239.	1265	13	17000.	1300.0	3120.	1170.0	133.0	100.	25920.	33.8	
71 327	HORDEN COLLIERY	N46200242488	0.	235.	0365	13	24200.	440.0	5566.	1356.0	88.0	0.	38610.	27.9	
811096	KIRKLEATHAM NO.1	N5879 22127	506.	495.	0745	27	9408.	20.0	964.	68.0	66.0	5098.	12602.	10.3	
811097	KIRKLEATHAM NO.1	N5879 22127	945.	914.	1045	10	79339.	316.0	3376.	1328.0	102.0	3399.	129930.	38.2	
811098	KIRKLEATHAM NO.2	N5925 22371	860.	735.	0646	27	77500.	1050.0	2430.	1053.0	59.0	3827.	124960.	36.9	
771096	MILL HILL B/H	N412 2425	195.	0.	76	10	21.	1.1	55.	38.4	329.0	25.	32.	53.3	
771091	NAISBERRY NO.2 HTLPL	N4662 23367	152.	0.	0975	10	204.	6.6	81.	56.0	311.0	66.	394.	52.3	
761259	NEWTON MULGRAVE NO 1	N7739 21360	2059.	1472.	0865	27	120103.	185.6	1760.	96.0	210.4	3967.	185455.	7.9	
811124	NEWTON MULGRAVE NO.1	N7739 21360	1731.	1716.	0965	27	94680.	251.0	10455.	2136.0	7.3	766.	170203.	25.0	
761258	NEWTON MULGRAVE NO 1	N7739 21360	2059.	1724.	0965	27	111273.	115.4	2256.	404.0	36.6	4000.	173733.	22.3	
771093	NEW WINNING	N4072 23854	153.	0.	0276	10	35.	2.4	93.	54.0	.0	180.	48.	48.6	
761248	RALPH CROSS NO 1 YRK	N67597202433	1631.	1036.	0966	27	61000.	270.0	1920.	144.0	282.0	6535.	94075.	10.3	
811129	RALPH CROSS NO.1 YRK	N67597202433	1070.	1053.	0866	27	78000.	255.0	3200.	810.0	210.0	2890.	126025.	28.6	
811130	RALPH CROSS NO.1 YRK	N67597202433	1100.	1084.	0866	27	74000.	225.0	3240.	859.0	101.0	3235.	113600.	29.7	
811131	RALPH CROSS NO.1 YRK	N67597202433	1147.	1138.	0866	27	76000.	220.0	1570.	246.0	210.0	2791.	120700.	19.4	
761247	RALPH CROSS NO 1 YRK	N67597202433	1631.	1341.	0966	27	103000.	310.0	2120.	516.0	115.0	3144.	170365.	27.2	
761246	RALPH CROSS NO 1 YRK	N67597202433	1631.	1352.	0966	27	97500.	245.0	1920.	408.0	161.0	2723.	141970.	24.8	
71 138	S HETTON COLLIERY	N382 2453	0.	0.	0171	13	22900.	500.0	7400.	1600.0	118.0	0.	53460.	25.6	
71 139	S HETTON COLLIERY	N382 2453	0.	0.	0171	13	2300.	80.0	400.	400.0	.0	4500.	990.	59.9	
71 136	VANE TEMPEST COLIERY	N442 2504	0.	683.	0171	13	35500.	720.0	8400.	2600.0	58.0	0.	88990.	32.8	
71 137	VANE TEMPEST COLIERY	N441 2508	0.	664.	0171	13	51500.	900.0	9000.	3400.0	16.0	0.	118360.	37.2	
771090	WATERLOO PLANTATION	N3913 22937	189.	0.	0975	10	22.	2.1	89.	40.0	347.0	100.	32.	42.3	
71 131	WESTOE COLLIERY	N41440268035	0.	0.	0171	13	44000.	640.0	6600.	3600.0	37.0	0.	89140.	46.2	NZ
761027	BOULSWORTH NO1 LANCS	S92685034790	1919.	1377.	0763	27	21900.	2760.0	2780.	660.0	295.0	850.	42500.	20.6	SD
761028	BOULSWORTH NO1 LANCS	S92685034790	1919.	1516.	0763	27	20200.	.0	2580.	520.0	265.5	830.	38700.	24.9	
761029	BOULSWORTH NO1 LANCS	S92685034790	1919.	1684.	0763	27	28100.	290.0	3360.	740.0	295.0	340.	54900.	25.8	
761030	BOULSWORTH NO1 LANCS	S92685034790	1919.	1834.	0963	27	29200.	510.0	4930.	860.0	103.3	860.	65200.	21.5	
761031	BOULSWORTH NO1 LANCS	S92685034790	1919.	1919.	0963	27	38000.	800.0	6110.	960.0	132.7	410.	90400.	19.5	
811104	FURMBY NO.4	S2822 00748	871.	856.	1149	27	88820.	316.0	2176.	607.0	41.0	2198.	141290.	30.0	
811105	FURMBY NO.5	S2973 01246	442.	436.	1051	27	9605.	113.0	657.	97.0	59.0	4868.	12709.	18.3	
811106	FURMBY NO.5	S2973 01246	640.	628.	1051	27	69138.	192.0	1490.	496.0	55.0	3283.	108453.	34.0	
811107	FURMBY NO.5	S2973 01246	844.	838.	1051	27	89479.	258.0	1976.	596.0	51.0	3498.	140870.	31.8	
771121	KIRKHAM	S4324 03747	445.	150.	0574	09	36700.	43.0	860.	2400.0	146.0	14680.	49200.	81.8	
73 277	HAYDALE HAWES	S9026 08474	601.	285.	0673	11	145.	8.8	80.	26.5	163.0	26.	178.	34.0	SD
761545	ASKERN NO.1	S5651 E1502	1467.	1457.	1257	27	28981.	346.0	4752.	750.1	121.0	1009.	54800.	20.1	SE
811151	BARTON NO.1	S72199E64674	811.	728.	1073	27	16900.	.0	2040.	.0	974.0	4890.	23400.	.0	
811149	BARTON NO.1	S72199E64674	919.	901.	1073	27	73370.	.0	2520.	780.0	152.0	5155.	116100.	33.8	
811150	BARTON NO.1	S72199E64674	953.	939.	1073	27	65642.	.0	2720.	680.0	122.1	4760.	104600.	29.2	
761438	BURTON UPON STATHER	S8787 E1882	1857.	1610.	1165	27	22614.	393.0	7080.	1632.0	150.0	1186.	51475.	27.0	
761536	BUTTERWICK NO.1	S8421 E0563	1430.	1418.	0958	27	48382.	876.0	18880.	887.0	44.0	8.	111500.	7.0	
761434	CROWLE NO.1	S7734 E1193	1270.	1060.	0666	27	3537.	73.3	660.	120.0	212.0	1762.	5530.	22.1	SE

SEQ NO	LOCALITY	N G R	DEPTH, M		DATE	TYPE	ANALYSES, MILLIGRAMMES PER LITRE								R.
			WELL	SMPL			NA	K	CA	MG	HCO3	SO4	CL		
761433	CROWLE NO.1	S7734 E1193	1270.	1240.	0666	27	11696.	238.6	4000.	600.0	161.0	970.	26199.	19.4	SE
811039	ELLENTHORPE NO.1	S4234 E6703	797.	609.	1245	27	30460.	299.0	3769.	1074.0	201.0	99.	56800.	31.1	
811040	ELLENTHORPE NO.1	S4234 E6703	807.	799.	1145	27	10175.	102.0	267.	402.0	347.0	74.	17040.	67.5	
811090	ELLENTHORPE NO.1	S4234 E6703	1097.	1070.	0146	27	11846.	121.0	426.	306.0	424.0	132.	19525.	50.8	
761257	HARSLEY NO 1 YORKS	S4223 E9807	1078.	646.	0265	27	2622.	42.1	860.	252.0	103.7	4612.	2812.	32.0	
761437	HATFIELD NO.1	S6931 E0696	1603.	1268.	0166	27	24921.	398.0	9880.	2184.0	51.0	127.	62480.	26.3	
761436	HATFIELD NO.2	S6724 E0674	457.	422.	0166	27	1504.	209.0	14.	3.6	322.0	906.	1562.	4.7	
761435	HATFIELD NO.2	S6724 E0674	1393.	1052.	0266	27	57115.	621.0	18240.	3120.0	25.6	20.	129930.	21.7	
761251	LANGTOFT NO 1 YORKS	S99340E65196	1993.	1439.	0271	27	105425.	.0	14309.	1884.0	127.0	668.	192864.	17.8	
761256	LANGTOFT NO 1 YORKS	S99340E65196	1993.	1448.	0271	27	114283.	.0	8275.	1386.0	305.0	569.	194280.	21.6	
761253	LANGTOFT NO 1 YORKS	S99340E65196	1993.	1585.	0271	27	81614.	.0	21202.	9360.0	636.0	485.	125149.	42.1	
761250	LANGTOFT NO 1 YORKS	S99340E65196	1993.	1804.	0271	27	107271.	.0	7996.	1447.0	105.0	608.	183647.	23.0	
761021	LUCKTON NO 2A YORKS	S9026 E9014	2049.	1806.	0766	27	24196.	390.0	29140.	*****	147.0	490.	142142.	36.0	
761023	LUCKTON NO 2A YORKS	S9026 E9014	2049.	1814.	0866	27	5653.	128.0	6400.	2520.0	123.0	187.	27720.	39.1	
811141	LUCKTON NO.2A	S903 E902	1879.	1847.	0566	27	117723.	.0	2792.	631.0	127.0	1325.	187229.	27.2	
761237	LUCKTON NO 5 YORKS	S89318E91371	1891.	1859.	0767	27	113620.	6820.0	2598.	758.0	488.0	3423.	185400.	17.0	
761238	LUCKTON NO 6 YORKS	S90960E87620	2001.	1780.	1167	27	106766.	6002.0	3529.	642.0	342.0	864.	177500.	13.8	
761239	LUCKTON NO 7 YORKS	S91730E90178	2135.	1763.	0368	27	121854.	4600.0	1572.	1256.0	952.0	8940.	191600.	34.5	
761240	LUCKTON NO 7 YORKS	S91730E90178	2135.	1808.	0368	27	117645.	6012.0	2615.	651.0	366.0	2450.	191600.	15.9	
761245	LUCKTON NO 8 YORKS	S9099 E8948	2012.	1669.	0271	27	113042.	.0	3607.	486.0	277.0	2002.	181519.	18.2	
761241	LUCKTON NO 8 YORKS	S9099 E8948	2012.	1826.	0271	27	102808.	.0	10180.	437.0	129.0	1207.	176910.	6.6	
761242	LUCKTON NO 8 YORKS	S9099 E8948	2012.	1860.	0271	27	98744.	.0	7214.	2358.0	.0	1518.	171060.	35.0	
761243	LUCKTON NO 8 YORKS	S9099 E8948	2012.	1918.	0271	27	109974.	.0	4008.	729.0	227.0	1598.	177619.	23.1	
811132	MALTON NO.1 YORKS	S75516E76394	1231.	1212.	0970	27	118600.	280.0	5640.	990.0	2599.0	300.	185000.	22.0	
761337	MALTON NO 1 YORKS	S75516E76394	1930.	1225.	1170	27	51750.	871.0	64960.	4130.0	1440.0	740.	206610.	9.4	
761343	MALTON NO 1 YORKS	S75516E76394	1930.	1232.	1070	27	69900.	280.0	33600.	1000.0	1700.0	760.	169000.	4.7	
761338	MALTON NO 1 YORKS	S75516E76394	1930.	1232.	1170	27	45300.	1100.0	47700.	5800.0	.0	370.	172000.	16.5	
761345	MALTON NO 1 YORKS	S75516E76394	1930.	1258.	1070	27	61300.	290.0	42300.	3000.0	2200.0	820.	177000.	10.4	
811135	MALTON NO.1 YORKS	S75516E76394	1930.	1304.	1170	27	80700.	1440.0	29600.	1990.0	1220.0	630.	183000.	9.8	
811134	MALTON NO.1 YORKS	S75516E76394	1317.	1313.	1170	27	85800.	1825.0	16400.	5530.0	950.0	640.	178000.	34.5	
761360	MALTON NO 1 YORKS	S75516E76394	1930.	1538.	1070	27	72000.	265.0	46400.	1750.0	575.0	14.	195000.	5.8	
811133	MALTON NO.1 YORKS	S75516E76394	1579.	1562.	1070	27	74500.	340.0	44800.	2290.0	720.0	14.	195000.	7.7	
761170	ROSEDALE NO 1 YORKS	S72673E94960	1635.	993.	1166	27	92000.	216.0	3580.	649.0	244.0	2552.	133550.	22.5	
761169	ROSEDALE NO 1 YORKS	S72673E94960	1635.	1038.	1166	27	94000.	210.0	2850.	612.0	201.0	2409.	134100.	25.4	
761168	ROSEDALE NO 1 YORKS	S72673E94960	1635.	1316.	1166	27	89000.	208.0	5270.	697.0	268.0	2645.	127725.	17.6	
811035	SAWLEY NO.1	S24 E67	290.	282.	1145		836.	12.0	104.	57.0	99.0	107.	1456.	46.0	
811025	TRUMFLEET NO.1	S6051 E1259	967.	962.	0457	27	82360.	490.0	8840.	1135.0	55.0	425.	146230.	17.1	
811023	TRUMFLEET NO.1	S6051 E1259	1027.	1022.	0557	27	64610.	2170.0	24400.	2532.0	.0	11.	152330.	14.1	
811064	TRUMFLEET NO.1	S6051 E1259	1580.	1524.	0757	27	31327.	388.6	5384.	882.7	183.0	1012.	59930.	20.7	
811024	TRUMFLEET NO.2	S6035 E1247	1062.	1034.	0958	27	69460.	253.4	14000.	925.6	29.0	21.	134900.	9.8	
761478	WHITWELL NO.1	S7279 E6575	1001.	957.	0961	27	65825.	596.0	3480.	816.0	124.0	2888.	108275.	26.2	
761479	WHITWELL NO.1	S7279 E6575	1189.	1143.	0961	27	62760.	604.0	6400.	1092.0	62.0	1968.	110425.	21.2	
761480	WHITWELL NO.1	S7279 E6575	1634.	1606.	0961	27	43364.	446.0	14375.	1710.0	40.0	1490.	96520.	16.2	
761336	WYKEHAM NO 1 YORKS	S92380E87344	2009.	1038.	0871	27	79160.	.0	3667.	603.0	58.0	20085.	119122.	21.3	
761327	WYKEHAM NO 1 YORKS	S92380E87344	2009.	1758.	1071	27	124411.	.0	4369.	632.0	909.0	1322.	199954.	19.3	
761323	WYKEHAM NO 1 YORKS	S92380E87344	2009.	1784.	0971	27	125196.	.0	2725.	681.0	113.0	150.	192864.	29.2	
761329	WYKEHAM NO 1 YORKS	S92380E87344	2009.	1900.	1071	27	121246.	.0	3367.	511.0	504.0	19.	194282.	20.0	
67 197	TREFRIW NO 2 SPRING	S778 H653	0.	0.	53 02		6.	.0	202.	64.0	.0	3280.	3.	34.3	SE SH
761309	ASHTON MAIN BOREHOLE	S5040 J6950	243.	0.	0770	07	23.	2.9	47.	16.3	101.6	23.	35.	35.6	SJ
761298	BOMERE HEATH SALOP	S473 J202	94.	0.	0458	07	52.	.0	74.	16.3	125.0	84.	26.	26.8	

*TYPE CODES ARE 02SPRING,03STREAM,07BOREHOLE/WELL,08SHALLOW WELL,09DEPTH SAMPLE,10PUMPED SAMPLE,11ARTESIAN FLOW, 12MINE DRAINAGE (SURF),13MINE DRAINAGE (U/GROUND),17INTERSTITIAL,23COND. STEAM,24ENTRAINED WATER,25THERMAL G/WATER, 26THERMAL SPRING,27DRILL STEM TEST

SEQ NO	LOCALITY	N	G	R	DEPTH, M		DATE	TYPE	*	NA	ANALYSES, MILLIGRAMMES PER LITRE					R	
					WELL	SMPL					K	CA	MG	HC03	S04		CL
761322	HNDRY CTG P/S CROFT	5643	J956		214.	0.	0964	07	35.	3.5	79.	39.0	239.9	3.	26.	44.3	
761316	BRDSIDE MLS REDDISH	58912	J9298		137.	0.	38	07	31.	2.6	57.	28.6	127.4	10.	20.	44.7	SJ
761310	CARRINGTON CHESHIRE	57435	J9187		111.	0.	0157	07	17.	2.5	109.	17.1	219.6	4.	14.	20.4	
761311	CHURCH LN WOODFORD	5874	J8265		304.	0.	0664	07	10.	.0	56.	16.0	.0	10.	13.	32.0	
771122	CLUTTON B/H TARPORLY	5528	J635		305.	300.	0173	09	11.	2.2	51.	14.1	189.6	12.	21.	30.8	
761012	COTON CAMP ALVELEY	5228	J065		91.	59.	0544	10	0.	.0	104.	6.0	.0	34.	17.	8.7	
771123	EDWARD GORTON SUTTON	55337	J7912		196.	195.	0275	09	138.	6.6	500.	802.0	303.6	1440.	100.	72.4	
761368	ENSONMOOR MARSTON	59268	J2916		258.	0.	0886	11	186.	32.7	38.	8.0	66.2	97.	260.	19.3	
761394	ESSEX BRIDGE	59946	J2245		94.	0.	0463	07	7550.	28.5	727.	170.0	101.3	1573.	12100.	27.4	
761314	FALIBROOME PRESTBURY	5892	J756		169.	0.	1069	07	13.	1.4	83.	20.3	150.0	38.	11.	28.5	
72 210	GRANVILLE COLLIERY	57282	J1270		0.	400.	0472	13	518.	13.0	8.	1.5	640.0	21.	472.	14.4	
761374	GRINDLE FORGE	57524	J0348		137.	0.	0566	07	8.	5.0	51.	5.0	85.1	9.	11.	13.3	
761299	HODNET NO 2 SALOP	56042	J2879		91.	0.	1159	07	42.	.0	62.	10.6	100.6	38.	18.	22.1	
761366	HULLIES P/S GNOSALL	58155	J2244		184.	0.	0339	10	13.	.0	82.	29.3	.0	48.	19.	37.0	
761367	HULLIES P/S GNOSALL	58155	J2244		184.	0.	1159	10	12.	.0	58.	27.0	151.5	74.	21.	43.4	
761429	KEELE NO.1	58292	J4397		0.	958.	1243	27	13900.	474.0	924.	419.0	439.0	16.	24353.	37.2	
761430	KEELE NO.1	58292	J4397		0.	0.	0144	27	13000.	632.0	604.	269.0	508.0	0.	22010.	32.3	
761369	LOWER EYTON ALBERBRY	53775	J1450		91.	0.	0858	07	86.	.0	84.	21.1	146.4	29.	20.	29.3	
761313	MCLSFLD OVR ALDRLY	58533	J7611		305.	0.	1163	07	8.	4.0	37.	6.0	.0	8.	10.	20.2	
761312	MCLSFLD OVR ALDRLY	58533	J7611		305.	86.	0971	07	9.	2.0	31.	2.5	.0	14.	18.	11.5	
761315	MUTTRAM ST ANDREW	5865	J785		152.	32.	0770	07	14.	2.8	65.	19.7	123.0	48.	8.	32.8	
71 490	NEACHLEY NO 1	5779	J069		320.	0.	1171	10	7.	4.2	63.	6.2	174.8	35.	11.	13.6	
761371	NEACHLEY NO 1	5779	J069		321.	0.	0262	10	4.	3.6	88.	5.5	93.5	10.	13.	9.2	
761372	NEACHLEY NO 3	5785	J088		321.	0.	0262	07	4.	3.6	57.	5.6	91.5	9.	13.	13.6	
771119	ORGANSDALE NO.1	5551	J683		457.	427.	1071	09	92.	3.0	21.	8.6	202.0	23.	58.	38.8	
771120	ORGANSDALE NO.1	5551	J683		460.	451.	1071	09	360.	3.7	20.	6.7	266.0	47.	390.	33.1	
761319	PEX HILL CRANTON	55010	J8883		229.	0.	1260	07	12.	2.9	51.	24.0	114.7	25.	22.	43.1	
771124	PRIORS HEYS TARVIN	55121	J6642		304.	250.	0275	09	332.	7.6	53.	21.4	185.0	35.	540.	38.4	
761305	RUSHTON NO 1 MCLSFLD	5931	J630		105.	0.	0269	07	13.	4.2	51.	12.5	93.9	26.	17.	27.9	
761308	SHEEPWASH STOKE-TRNT	59509	J4514		122.	98.	0158	11	3.	.0	70.	4.0	96.6	18.	10.	8.6	
761364	SPTLE HSE PRESTBURY	5898	J776		154.	0.	0570	07	11.	2.2	70.	18.5	35.0	43.	17.	30.1	
761011	STONE BREWERY NO 1	59007	J3391		111.	0.	1162	07	4.	.0	21.	21.7	108.2	15.	0.	62.6	
761010	STONE BREWERY NO 2	59011	J3392		92.	0.	1162	07	6.	.0	44.	22.6	162.7	29.	13.	45.8	
761365	STONE U.D.C. WATERWKS	59135	J3526		137.	0.	0357	07	8.	.0	71.	12.6	109.8	42.	4.	22.7	
761317	WIRHOUSE P/S CRANTON	54668	J8796		243.	0.	0664	10	23.	4.4	42.	27.5	34.1	130.	30.	50.4	
761318	WIRHOUSE P/S CRANTON	54668	J8796		243.	0.	0674	10	14.	4.4	42.	16.3	31.7	114.	30.	37.6	
761306	WHITEWOOD LN MALPAS	54666	J4898		152.	0.	0753	10	7.	.0	54.	22.6	112.8	10.	25.	40.8	SJ
811036	APLEYHEAD NO.1	56551	K7630		1317.	1304.	0860	27	37742.	454.0	7800.	1616.0	66.0	5.	77370.	24.9	SK
811059	APLEYHEAD NO.1	56551	K7630		1467.	1426.	0860	27	8873.	78.0	2010.	295.0	193.0	1403.	16970.	19.2	SK
811010	APLEYHEAD NO.3	56551	K7631		1052.	1038.	1160	27	31656.	186.0	5120.	808.0	113.0	31.	60340.	20.4	
811013	AYERHAM PARK G1	574520K56300			723.	690.	1242	27	4020.	209.0	200.	75.3	194.0	109.	6710.	28.8	
68 132	BAKEWELL	5221	K681		0.	0.	0369	02	19.	.9	186.	24.0	198.6	384.	23.	17.5	
68 130	BALL EYE QY CROMFORD	5289	K573		0.	0.	0369	10	19.	2.0	97.	26.0	257.2	101.	39.	30.4	
811084	BARKESTONE NO.1	57833	K3426		1006.	941.	0643	27	587.	141.0	531.	100.0	88.0	1679.	994.	21.5	
761454	BECKINGHAM NO.1	57921	K9037		1378.	1372.	0264	27	28956.	387.0	6040.	1032.0	98.0	0.	58575.	21.4	
761457	BECKINGHAM NO.1	57921	K9037		1680.	1400.	0364	27	20046.	274.6	2260.	444.0	226.0	6.	36210.	23.4	
761456	BECKINGHAM NO.1	57921	K9037		1680.	1441.	0364	27	18960.	257.4	2080.	384.0	152.0	33.	34080.	22.3	
761455	BECKINGHAM NO.1	57921	K9037		1680.	1603.	0364	27	17321.	210.6	2320.	408.0	195.0	50.	31950.	21.7	
761449	BECKINGHAM NO.4	57911	K9069		1319.	969.	0964	27	3814.	124.8	680.	120.0	260.0	1500.	6186.	21.0	SK
811050	BINGHAM NO 1	57252	K3935		819.	804.	0259	27	1851.	2.0	344.	87.3	132.0	1407.	2556.	29.4	

SEQ NO	LOCALITY	N G R	DEPTH,M		DATE	TYPE	ANALYSES, MILLIGRAMMES PER LITRE										R
			WELL	SMPL			*	NA	K	CA	MG	HC03	S04	CL	*		
811051	BINGHAM NO.1	S7252 K3935	831.	813.	0259	27	852.	1.0	478.	117.8	154.0	1605.	1171.	28.9			
811052	BINGHAM NO.1	S7252 K3935	843.	837.	0259	27	883.	.8	510.	82.9	146.0	1448.	1295.	21.1	SK		
811069	BINGHAM NO.1	S7252 K3935	900.	881.	0259	27	572.	3.9	420.	91.7	165.0	1440.	674.	26.4			
761492	BINGHAM NO.2	S7169 K3956	808.	799.	1060	27	1280.	7.8	184.	65.5	153.0	1450.	1278.	36.5			
761493	BINGHAM NO.2	S7169 K3956	823.	814.	1060	27	894.	7.8	466.	120.0	146.0	1547.	1278.	29.6			
761494	BINGHAM NO.2	S7169 K3956	879.	868.	1060	27	816.	13.5	164.	41.5	329.0	839.	742.	28.6			
761486	BLYTON NO.1	S8434 K9555	1055.	1040.	1160	27	29312.	223.0	8400.	1354.0	113.0	235.	63900.	20.8			
761487	BLYTON NO.1	S8434 K9555	1226.	1208.	1260	27	40724.	390.0	16120.	2882.0	66.0	2.	100100.	22.6			
761488	BLYTON NO.1	S8434 K9555	1515.	1494.	0161	27	31380.	459.0	5660.	816.0	121.0	643.	60700.	18.6			
761489	BLYTON NO.1	S8434 K9555	1567.	1546.	0161	27	30453.	461.0	10380.	1450.0	115.0	14.	69930.	18.4			
761490	BLYTON NO.1	S8434 K9555	1713.	1701.	0161	27	31135.	445.0	5740.	960.0	165.0	785.	60700.	21.0			
761491	BLYTON NO.1	S8434 K9555	1786.	1709.	0161	27	32895.	449.0	5760.	864.0	223.0	707.	63180.	19.2			
811056	BOTHAMSALL NO.1	S6586 K7368	1023.	1006.	0158	27	14772.	146.4	2688.	506.3	139.0	0.	29035.	23.2			
811057	BOTHAMSALL NO.2	S6554 K7392	1007.	996.	0459	09	32415.	298.5	8400.	357.9	22.0	216.	66030.	6.5			
761527	BOTHAMSALL NO.2	S6554 K7392	1046.	1036.	0159	27	17065.	191.5	2864.	637.0	204.0	21.	33230.	26.2			
761528	BOTHAMSALL NO.2	S6554 K7392	1088.	1082.	0159	27	29896.	72.0	8120.	1266.0	115.0	37.	64170.	20.4			
761540	BOTHAMSALL NO.3	S6632 K7421	996.	981.	1258	27	5760.	82.0	968.	.0	157.0	177.	10860.	.0			
761541	BOTHAMSALL NO.3	S6632 K7421	1033.	1022.	1258	27	22283.	137.0	3748.	777.0	139.0	5.	43310.	25.1			
761423	BOTHAMSALL NO.19	S6674 K7439	1036.	1013.	0560	27	31423.	149.0	4660.	873.0	113.0	5.	59640.	23.3			
811085	BOTTESFORD NO.1	S7907 K3886	988.	961.	0743	27	625.	106.0	341.	93.0	123.0	1481.	728.	28.0			
811087	BOTTESFORD NO.2	S8043 K3740	963.	944.	0743	27	848.	70.5	239.	66.0	146.0	1547.	692.	28.3			
811018	BOTTESFORD NO.3	S78610K39190	780.	764.	0843	27	18440.	247.0	6617.	464.0	53.0	99.	41500.	10.2			
811043	BOTTESFORD NO.3	S7861 K3919	968.	959.	0843	27	3077.	144.0	475.	99.0	150.0	881.	5183.	22.9			
811076	BOTTESFORD NO.4	S7859 K3881	987.	981.	1054	27	959.	34.0	282.	70.0	139.0	1374.	1065.	27.8			
73 187	BULLTHAM LINCOLN	S96000K69500	671.	0.		11	200.	10.7	428.	86.8	136.0	829.	637.	24.8			
68 125	THE BATH BRADWELL	S174 K820	0.	0.	7036	02	240.	5.2	162.	42.0	216.6	326.	420.	29.6			
75 127	BRITISH GYPSUM NEWRK	S81200K54200	293.	246.	0375	10	10.	4.0	46.	20.0	204.5	39.	12.	40.7			
68 102	BUXTON SPA	S057 K735	0.	0.	1167	02	24.	1.2	58.	20.0	252.0	12.	39.	36.0			
761542	CALOW NO.1	S4084 K7041	1119.	1110.	0358	27	523.	13.0	440.	94.0	132.0	1401.	710.	25.8			
75 129	CASILE BREWERY NEWRK	S79800K53600	282.	0.	0375	10	9.	4.3	44.	21.0	201.2	31.	15.	42.8			
811111	CAUNTON NO.2	S73 K60	701.	680.	0443	27	980.	106.0	1325.	58.0	110.0	930.	3089.	6.5			
811112	CAUNTON NO.3	S73 K60	707.	695.	0543	27	4094.	251.0	403.	82.0	95.0	527.	6887.	20.3			
811113	CAUNTON NO.4	S73 K60	597.	585.	0853	09	9530.	140.0	1644.	391.0	43.0	286.	18640.	27.3			
75 275	CAUNTON PS	S7388 K6000	259.	26.	0675	10	8.	7.8	30.	37.0	251.0	44.	6.	64.2			
811086	CLAYPOLE NO.1	S8451 K4934	669.	604.	0743	27	2254.	91.0	594.	192.0	146.0	1181.	4207.	33.1			
75 119	BP CORRINGHAM RD	S832 K903	311.	280.	0275	10	23.	5.8	129.	37.0	172.4	365.	11.	31.6			
761518	CORRINGHAM NO.2	S8873 K9287	1579.	1567.	0759	27	31745.	312.0	6600.	895.0	83.0	416.	63190.	17.9			
811045	CORRINGHAM NO.7	S89628K92997	1524.	1502.	1260	09	31030.	460.0	5540.	1070.0	146.0	859.	60500.	23.4			
811046	CORRINGHAM NO.7	S89628K92997	1598.	1560.	0860	27	34731.	377.0	6540.	1157.0	154.0	315.	68520.	22.1			
811047	CORRINGHAM NO.7	S89628K92997	1619.	1602.	0860	27	32165.	358.0	6040.	1135.0	212.0	790.	63190.	23.1			
811048	CORRINGHAM NO.7	S89628K92997	1683.	1650.	0860	27	26205.	468.0	4580.	841.0	172.0	701.	50760.	22.3			
811049	CORRINGHAM NO.7	S89628K92997	1729.	1701.	0960	27	32645.	390.0	5940.	939.0	172.0	889.	63190.	20.1			
811061	CORRINGHAM NO.7	S89628K92997	1805.	1799.	0960	11	29343.	390.0	5960.	808.0	48.0	880.	57860.	17.8			
761531	CROPWELL BUTLER NO.1	S68138K38691	783.	774.	1158	27	877.	8.0	48.	17.0	805.0	411.	412.	35.0			
761533	CROPWELL BUTLER NO.1	S68138K38691	790.	774.	1158	27	2275.	19.0	74.	24.0	318.0	204.	3302.	32.1			
761532	CROPWELL BUTLER NO.1	S68138K38691	976.	963.	1158	27	893.	1.7	260.	131.0	154.0	1350.	1079.	45.3			
761391	ORAKELOW POWER STN	S2440 K1998	191.	90.	0752	11	1086.	.0	157.	42.2	204.3	380.	1648.	30.8			
811078	EAGLE MOOR NO.1	S8875 K6819	396.	385.	0448	27	642.	25.0	256.	44.0	165.0	1827.	85.	21.3			
761547	EAGLE MOOR NO.1	S8875 K6819	1033.	1024.	.48	27	3419.	75.0	456.	124.0	239.0	860.	5644.	29.3			
75 121	BP EGMANTON	S75400K68200	183.	151.	0275	10	4.	6.9	31.	32.0	254.2	22.	7.	60.4	SK		

*TYPE CODES ARE 02SPRING,03STREAM,07BOREHOLE/WELL,08SHALLOW WELL,09DEPTH SAMPLE,10PUMPED SAMPLE,11ARTESIAN FLOW, 12MINE DRAINAGE (SURF),13MINE DRAINAGE (U/GROUND),17INTERSTITIAL,23COND. STEAM,24ENTRAINED WATER,25THERMAL G/WATER, 26THERMAL SPRING,27DRILL STEM TEST

SEQ NO	LOCALITY	N G R	DEPTH,M		DATE	TYPE	NA	ANALYSES, MILLIGRAMMES PER LITRE						R	
			WELL	SMPL				K	CA	MG	HCO3	SO4	CL		
811114	EGMANTON NO.3	S75 K68	992.	977.	1155	27	3690.	18.0	880.	232.0	146.0	512.	7420.	30.1	SK
811091	EGMANTON NO.20	S7 K6	152.	141.	1156	27	389.	.0	132.	35.0	51.0	1105.	71.	30.4	
811092	EGMANTON NO.20	S7 K6	430.	413.	1156	27	556.	.0	220.	150.0	66.0	753.	1065.	52.9	
811115	EGMANTON NO.22	S7674 K6802	993.	988.	1256	27	2766.	31.0	384.	131.0	110.0	915.	4401.	35.1	
811116	EGMANTON NO.36	S75 K68	1030.	1020.	0557	27	7887.	147.0	496.	102.6	190.0	707.	12780.	22.9	
75 114	EVERTON P.S NO.3	S69350K90100	183.	27.	0275	10	9.	2.5	58.	19.7	229.1	25.	19.	35.4	
811002	FARLEYS WOOD	S7062 K7162	856.	851.	1256	27	30019.	291.0	6320.	8680.0	22.0	130.	83050.	68.9	
811032	FARLEYS WOOD NO.1	S7062 K7163	1054.	1037.	0143	27	2534.	512.0	14.	41.0	439.0	453.	3748.	19.7	
811012	FARLEYS WOOD NO.3	S7092 K7150	1042.	1019.	0643	27	18310.	795.0	4351.	382.0	80.0	111.	37453.	11.7	
811014	FARNDON NO.2	S76920K53110	720.	707.	0148	27	7175.	70.0	732.	178.0	141.0	16.	12780.	27.7	
68 101	FOUNTAIN BATH ADIT	S294 K584	0.	0.	0668	13	29.	.8	103.	38.0	280.0	192.	52.	37.7	
811148	GATE BURTON NO.1 NCB	S8310 K8400	1293.	1235.	0381	17	41100.	250.0	13100.	2110.0	.0	340.	92800.	20.8	
811007	GAINSBOROUGH NO.1	S8326 K9026	290.	283.	1058	27	186.	2.6	280.	44.1	88.0	1037.	64.	20.5	
75 118	GAINSBOROUGH NO.2	S81600K88900	459.	322.	0275	10	18.	5.6	91.	35.0	209.2	231.	21.	38.1	
811117	GAINSBOROUGH NO.2	S8 K9	1569.	1535.	1059	27	18689.	132.9	2080.	371.0	201.0	938.	32840.	22.2	
75 126	GAINSBOROUGH NO.3	S81600K81900	498.	322.	0375	10	15.	5.4	63.	31.0	211.0	121.	18.	43.7	
811118	GAINSBOROUGH NO.3	S81600K91900	1107.	1036.	1059	10	26903.	226.4	8600.	1340.0	51.0	66.	60700.	20.2	
811119	GAINSBOROUGH NO.3	S81600K91900	1704.	1686.	1059	27	28554.	175.7	4128.	357.9	157.0	780.	51830.	12.3	
75 116	GAINSBOROUGH NO.4	S81800K88200	336.	0.	0275	10	17.	5.6	75.	34.0	206.8	169.	20.	41.9	
811120	GAINSBOROUGH NO.6	S8 K9	1459.	1451.	1260	27	28604.	226.0	4200.	699.0	113.0	646.	53250.	21.1	
761445	GAINSBOROUGH NO.57	S8039 K9073	1030.	1006.	0165	27	25655.	371.3	7720.	1464.0	91.0	280.	57510.	23.4	
75 117	GAINSBORO LEA RD NO1	S81600K88900	412.	225.	0275	10	50.	5.7	500.	103.0	275.7	1375.	47.	25.3	
761481	GLENTWORTH NO.1	S9312 K8806	1103.	1085.	0361	27	24513.	208.0	4292.	790.0	89.0	388.	47570.	22.9	
761482	GLENTWORTH NO.1	S9312 K8806	1603.	1582.	0461	27	22160.	306.0	3232.	386.0	182.0	922.	40465.	15.8	
761483	GLENTWORTH NO.1	S9312 K8806	1703.	1685.	0561	27	27586.	444.0	5106.	835.0	212.0	780.	53606.	20.5	
761484	GLENTWORTH NO.1	S9312 K8806	1738.	1726.	0561	27	23963.	386.0	3890.	693.0	183.0	523.	45617.	21.9	
761485	GLENTWORTH NO.1	S9312 K8806	1838.	1826.	0561	27	31998.	461.0	6264.	840.0	256.0	724.	62480.	17.6	
761475	GLENTWORTH NO.2	S9287 K8724	1668.	1648.	0162	27	23302.	330.0	3640.	564.0	179.0	854.	43488.	19.6	
761474	GLENTWORTH NO.3	S9328 K8870	1125.	1100.	1161	27	25575.	295.0	5080.	935.0	95.0	720.	50766.	22.8	
761471	GLENTWORTH NO.5	S9394 K8753	1357.	1323.	0262	27	3716.	76.4	924.	105.2	490.0	3456.	4713.	15.3	
761473	GLENTWORTH NO.5	S9394 K8753	1662.	1060.	0262	27	7005.	9.4	1552.	192.0	.0	2718.	11786.	16.9	
761472	GLENTWORTH NO.5	S9394 K8753	1662.	1643.	0262	27	24252.	265.0	3356.	456.0	208.0	1092.	43868.	17.7	
811089	GRANBY NO.1	S7532 K3683	908.	903.	0854	27	946.	30.0	134.	46.0	157.0	917.	1030.	33.7	
71 267	GRANGE NO 2 B/H	S2366 K2318	338.	0.	0471	10	475.	10.4	108.	33.0	291.0	235.	1200.	32.4	
761498	GROVE NO.1	S7523 K8070	1381.	1368.	1160	27	7172.	78.0	950.	164.0	219.0	625.	12635.	21.5	
761499	GROVE NO.1	S7523 K8070	1414.	1393.	1160	27	8589.	117.0	1240.	186.0	113.0	889.	15340.	19.1	
761500	GROVE NO.1	S7523 K8070	1442.	1423.	1160	27	8409.	78.0	2020.	338.0	142.0	362.	17325.	21.3	
75 107	GROVE NO.2 RETFORD	S74100K80350	335.	168.	0275	10	6.	7.2	30.	32.0	227.0	23.	6.	61.0	
75 125	GROVE NO.3 RETFORD	S74030K80300	335.	150.	0375	10	6.	7.6	31.	29.0	236.0	25.	5.	57.8	
75 276	HALAM PS NO 1	S6700 K5368	171.	76.	0675	10	5.	2.0	18.	20.0	155.0	10.	7.	63.4	
811071	HARUSTOFT	S4434 K6238	963.	854.	1038	10	308.	.0	452.	113.0	307.0	1195.	577.	29.2	
811020	HAHLEQUIN NO.1	S66840K39810	767.	748.	0453	27	7580.	77.0	902.	203.0	77.0	136.	13845.	26.2	
761520	HIGH MARNHAM NO.1	S8093 K7028	1069.	1063.	0359	27	5607.	39.0	320.	74.0	263.0	267.	9016.	26.4	
761521	HIGH MARNHAM NO.1	S8093 K7028	1085.	1075.	0359	27	3983.	26.0	414.	96.0	201.0	711.	6460.	27.0	
761522	HIGH MARNHAM NO.1	S8093 K7028	1156.	1139.	0359	27	4029.	13.0	964.	231.0	216.0	855.	7773.	28.2	
811066	HOCKERTON NO.2	S6959 K5808	700.	693.	0748	27	5940.	37.0	454.	107.0	146.0	49.	10118.	27.2	
811029	HOCKERTON NO.2	S69590K58080	732.	717.	0748	27	4797.	54.0	340.	68.0	201.0	41.	8023.	23.4	
811030	HOCKERTON NO.2	S69590K58080	764.	758.	0748	27	2591.	34.0	84.	35.0	318.0	379.	3692.	36.3	
811031	HOCKERTON NO.2	S69590K58080	899.	894.	0848	27	1663.	48.0	332.	144.0	395.0	247.	3053.	40.0	
811073	IRONVILLE NO.3	S4324 K5231	735.	701.	1056	27	326.	2.0	120.	44.0	190.0	416.	355.	37.5	SK

SEQ NO	LOCALITY	N G R	DEPTH,M		DATE	TYPE	ANALYSES, MILLIGRAMMES PER LITRE							R
			WELL	SMPL			NA	K	CA	MG	HCO3	SO4	CL	
811072	IRONVILLE NO.3	S4324 K5231	836.	821.	1156	27	1739.	18.0	1739.	44.0	146.0	905.	2272.	4.0
761537	IRONVILLE NO.4	S4316 K5190	380.	362.	0758	27	6075.	25.0	126.	12.0	666.0	64.	8946.	12.5
811033	KIRKLINGTON NO.1	S6929 K5631	755.	734.	1048	27	1716.	40.0	108.	35.0	329.0	41.	2628.	31.0
811034	KIRKLINGTON NO.1	S6929 K5631	799.	772.	1048	27	2593.	50.0	168.	46.0	252.0	57.	4190.	28.2
811083	KIRKLINGTON NO.1	S6929 K5631	852.	840.	1048	27	2091.	48.0	132.	46.0	289.0	124.	3266.	32.6
761543	LANGAR NO.1	S7190 K3550	884.	877.	1157	27	839.	26.0	264.	79.0	300.0	845.	1100.	32.0
761544	LANGAR NO.1	S7190 K3550	986.	957.	1257	27	865.	39.0	484.	120.0	165.0	1592.	1243.	28.2
761538	LANGAR NO.2	S71654K35745	826.	811.	0358	27	2924.	37.0	496.	55.0	121.0	905.	4792.	15.0
761539	LANGAR NO.2	S71654K35745	883.	871.	0358	27	763.	45.0	400.	104.8	205.0	1263.	1100.	29.0
811042	LANGAR NO.4	S7215 K3535	882.	874.	0658	27	1276.	9.8	210.	12.8	165.0	1382.	1207.	8.9
811094	LONG BENNINGTON NO.1	S806 K459	233.	258.	0544	27	665.	158.0	489.	133.0	84.0	2451.	461.	27.8
811095	LONG BENNINGTON NO.1	S806 K459	308.	287.	0544	27	502.	135.0	437.	83.0	102.0	1086.	1030.	21.3
761546	MANSFIELD NO.1	S5550 K5905	1368.	1329.	0250	27	438.	25.0	550.	59.0	91.0	1490.	656.	14.7
811037	MAPLEBECK NO.1	S7058 K6010	830.	816.	0245	27	1758.	135.0	201.	87.0	110.0	922.	2698.	34.7
75 123	MAKKHAM CLINTON NO 1	S71100K72700	230.	66.	0375	10	4.	4.7	18.	25.0	172.5	15.	7.	66.9
761392	MARMITE BURTON-TRENT	S2440 K2293	229.	0.	0434	07	247.	1.5	108.	29.7	0	315.	248.	31.1
761393	MARMITE BURTON-TRENT	S2444 K2294	274.	0.	0434	07	943.	9.0	200.	57.9	0	280.	1726.	31.8
71 275	MARSTON NO 1	S2305 K2338	305.	0.	0671	10	235.	7.7	200.	31.0	329.0	273.	263.	20.0
68 131	MATLOCK BATH HOTEL	S293 K579	0.	0.	0469	02	30.	9	105.	32.0	270.7	150.	57.	33.4
68 126	MATLOCK SPRING	S294 K582	0.	0.	0469	02	24.	9	100.	40.0	284.3	125.	46.	39.6
761440	MORION NO.1	S7932 K9241	1675.	1524.	0765	27	28185.	441.5	3560.	576.0	190.0	688.	51120.	20.1
761439	MORTON NO.1	S7932 K9241	1675.	1558.	0765	27	6025.	193.4	560.	120.0	516.0	490.	9940.	23.1
75 109	NEWTON NO.2 BH	S82610K74250	431.	248.	0275	10	10.	4.4	50.	25.0	198.5	75.	10.	44.1
75 110	NEWTON NO.3 BH	S82080K73860	411.	251.	0275	10	9.	4.6	47.	25.0	190.1	75.	10.	45.5
811017	NORMANTON NO.3	S71630K54850	736.	708.	1244	11	3262.	203.0	120.	41.0	230.0	0.	5325.	23.2
811015	NORMANTON NO.4	S72200K54430	637.	618.	0245	11	3312.	270.0	142.	44.0	150.0	74.	5538.	20.6
811038	NORMANTON NO.4	S7220 K5443	721.	713.	0345	27	3810.	327.0	170.	37.0	165.0	337.	6177.	15.3
811041	NORMANTON NO.4	S7220 K5443	904.	882.	1244	27	1794.	181.0	253.	81.0	157.0	988.	2876.	27.9
75 277	OMPTON PS NO 2	S6777 K6483	183.	51.	0675	10	12.	2.1	32.	21.0	170.0	0.	34.	51.2
75 124	ORUSALL NO 1 RETFORD	S69550K80160	198.	9.	0375	10	11.	3.2	37.	17.0	128.0	37.	21.	42.1
811121	PLUNGAR NO.1	S7720 K3347	382.	351.	0853	27	636.	51.0	538.	65.0	77.0	2646.	142.	16.0
811122	PLUNGAR NO.1	S7720 K3347	865.	857.	0953	27	6696.	65.0	1628.	221.0	99.0	436.	13490.	18.0
811088	PLUNGAR NO.1	S7720 K3347	938.	928.	1053	27	1086.	35.0	420.	107.0	146.0	1555.	1473.	28.7
811075	PLUNGAR NO.2	S77 K33	928.	920.	0454	10	690.	23.0	484.	99.0	66.0	1494.	1065.	24.8
811068	PLUNGAR NO.4	S7 K3	924.	918.	0654	27	981.	8.0	276.	67.0	245.0	1221.	1065.	28.3
811123	PLUNGAR NO.7	S7 K3	893.	881.	1254	27	2261.	48.0	232.	55.0	157.0	1020.	3195.	26.1
75 112	RAMPION HOSPITAL	S77600K77600	306.	183.	0275	10	8.	4.5	37.	23.0	179.8	54.	7.	49.1
761427	RANSKILL NO.1	S6423 K8814	1341.	1263.	0565	27	2048.	13.3	47.	59.4	698.0	325.	2364.	64.5
761470	HEDMILE NO.1	S8087 K3340	936.	893.	0862	27	2792.	51.0	868.	172.0	148.0	1206.	5358.	24.1
761469	REDMILE NO.1	S8087 K3340	936.	902.	0662	27	1819.	21.0	420.	91.0	219.0	912.	2946.	25.8
761468	REDMILE NO.1	S8087 K3340	936.	926.	0662	27	1229.	7.8	178.	57.6	226.0	1140.	1324.	34.3
811008	ROLLESTON G2	S74920K51140	527.	525.	0542	27	6618.	409.0	520.	249.0	146.0	80.	12430.	36.0
811044	HOLLESTON NO.2	S7492 K5114	662.	651.	0843	27	3526.	141.0	221.	63.0	386.0	58.	5751.	26.2
811058	SOUTH LEVERTON NO.1	S7933 K8040	1269.	1262.	0161	27	9145.	112.0	1130.	149.0	135.0	495.	16150.	17.1
761501	SOUTH LEVERTON NO.1	S7933 K8040	1298.	1277.	0860	27	9526.	81.0	1100.	164.0	197.0	666.	16510.	19.2
761502	SOUTH LEVERTON NO.1	S7933 K8040	1335.	1317.	0960	27	4365.	28.0	250.	65.0	457.0	568.	6530.	28.9
761503	SOUTH LEVERTON NO.1	S7933 K8040	1555.	1503.	0960	27	15276.	156.0	3430.	535.0	175.0	1119.	30360.	20.1
75 111	SOUTH SCARLE	S85580K65050	354.	292.	0275	10	13.	4.5	61.	24.0	201.3	102.	9.	38.5
811063	SPITAL NO.1	S9654 K9115	1705.	1700.	0844	27	30837.	958.0	3712.	2105.0	106.0	963.	60350.	45.2
68 103	STONEY MIDDLETON	S231 K755	0.	0.	1067	02	61.	1.5	92.	29.0	256.1	100.	110.	34.0

SK

SK

*TYPE CODES ARE 02SPRING,03STREAM,07BOREHOLE/WELL,08SHALLOW WELL,09DEPTH SAMPLE,10PUMPED SAMPLE,11ARTESIAN FLOW, 12MINE DRAINAGE(SURF),13MINE DRAINAGE(U/GROUND),17INTERSTITIAL,23COND.STEAM,24ENTRAINED WATER,25THERMAL G/WATER, 26THERMAL SPRING,27DRILL STEM TEST

SEQ NO	LOCALITY	N G R	DEPTH M		DATE	TYPE	ANALYSES MILLIGRAMMES PER LITRE							R	
			WELL	SMP			NA	K	CA	MG	HCO3	SO4	CL		
811027	SUTTON-ON-TRENT NO.3	S7912 K6378	950.	942.	1056	27	4983.	46.0	392.	65.0	205.0	535.	8022.	20.5	SK
811077	SUTTON-ON-TRENT NO.3	S7912 K6378	1026.	1014.	1156	27	2112.	15.0	760.	205.0	154.0	1290.	4119.	30.6	
811000	TICKHILL NO.1	S5773 K9297	1311.	1300.	0558	27	57620.	238.5	22120.	2615.0	14.6	8.	136000.	16.2	
761466	TORKSEY NO.1	S8520 K7868	1403.	1374.	1162	27	22869.	291.0	5320.	600.0	135.0	46.	46505.	15.3	
761467	TORKSEY NO.1	S8520 K7868	1701.	1622.	0163	27	11387.	225.0	2400.	264.0	58.0	947.	22010.	14.8	
811053	TORKSEY NO.2	S8591 K7766	776.	755.	0263	27	8722.	111.0	1080.	228.0	172.0	1892.	14555.	24.9	
811054	TORKSEY NO.2	S8591 K7766	1325.	1305.	0363	27	18779.	181.0	4800.	744.0	165.0	278.	39405.	20.1	
811055	TORKSEY NO.2	S8591 K7766	1427.	1412.	0263	27	34569.	315.0	9460.	1378.0	77.0	13.	74195.	19.1	
811145	TORKSEY NO.4	S85065K79222	1464.	1435.	1075	27	13297.	91.0	65.	18.0	8039.0	2399.	14300.	21.0	
811146	TORKSEY NO.4	S85065K79222	1464.	1435.	1075	27	13981.	185.0	310.	100.0	8100.0	2506.	16000.	28.9	
811144	TORKSEY NO.4	S85065K79222	1514.	1465.	0575	27	11453.	260.0	60.	6.0	4537.0	1996.	13900.	4.9	
811143	TORKSEY NO.4	S85065K79222	1514.	1465.	0575	27	10500.	158.0	75.	7.0	5116.0	1905.	12100.	6.9	
811001	TUXFORD NO.1	S72190K70500	997.	975.	0956	27	20857.	585.0	7360.	116.0	117.0	297.	46500.	2.4	
811028	TUXFORD NO.1	S7219 K7050	1173.	1149.	0756	27	3879.	49.0	441.	538.0	219.0	488.	7810.	65.6	
761519	WALKERINGHAM NO.1	S7555 K9190	1700.	1664.	0459	27	32612.	377.0	11960.	1179.0	77.0	25.	72250.	13.8	
761458	WALKERINGHAM NO.2	S7583 K9091	1704.	1689.	0164	27	39285.	351.0	10320.	1272.0	80.0	50.	82715.	16.7	
811009	WEST DRAYTON NO.2	S6986 K7404	938.	933.	0454	27	4067.	14.0	444.	110.0	267.0	49.	7100.	28.7	
811011	WEST DRAYTON NO.2	S6986 K7404	1128.	1109.	0554	27	11770.	141.0	1496.	320.0	190.0	60.	21650.	25.2	
75 122	WHISKER HILL REIFORD	S69170K80030	183.	9.	0375	10	7.	1.8	33.	16.0	114.0	23.	21.	43.8	
811019	WIDMERPOOL NO.1	S63660K29580	634.	602.	0145	27	5176.	226.0	750.	256.0	574.0	1119.	8875.	32.8	
811016	WINKBURN NO.1	S7 K5	752.	736.	0844	27	5290.	316.0	575.	156.0	36.0	0.	9940.	25.9	
811147	WYKEHAM NO.1	S92380E87344	1045.	1029.	0871	27	63039.	.0	3777.	571.0	158.0	6256.	102636.	20.0	
811021	WYSALL NO.1	S6024 K2760	443.	433.	0848	27	4065.	28.0	380.	151.0	256.0	4164.	4083.	38.7	
811022	WYSALL NO.3	S60440K26750	408.	392.	1048	27	5259.	110.0	766.	205.0	168.0	2980.	7810.	29.1	SK
771097	AMMANFORD WIGAN SEAM	S6350 N1100	0.	307.	0574	13	360.	20.0	2.	1.0	683.0	8.	60.	11.9	SN
771112	BRYNLLIW	S61095N01050	0.	262.	0475	13	121.	11.0	2.	4.0	302.0	85.	16.	46.3	
771102	CWMGWILI STANLLYD SM	S57610N09980	0.	205.	0574	13	490.	35.0	5.	3.0	1278.0	5.	24.	17.7	
67 110	LLANWRTYD WELLS	S880 N460	0.	0.	93	02	342.	12.6	85.	3.2	34.8	8.	670.	5.5	
771103	CYNHEIDRE 4<U6 SEAMS	S49060N06232	0.	602.	0474	13	950.	30.0	5.	2.0	1732.0	33.	428.	13.9	
771106	MARDY \$GORLLWYNI	S99625N01761	0.	274.	0574	13	132.	6.0	2.	1.0	302.0	5.	12.	24.5	
771110	TREFORGAN \$RED VEINI	S78076N05350	0.	420.	0974	13	315.	10.0	3.	1.0	693.0	4.	32.	16.9	SN
761290	ALTON BREWERY ROSS	S6010 U2431	105.	0.	0836	07	9.	6.1	80.	24.9	118.5	26.	20.	33.1	SO
761300	BEANS IND LTD TIPTON	S9480 U9270	91.	0.	0342	07	81.	.0	214.	91.3	274.5	556.	39.	41.3	
771113	BLAENSERCHAN \$GARWI	S24350U02130	0.	318.	73	13	22.	5.0	19.	11.0	146.0	6.	28.	45.7	
761373	COPLY B/H STAFFS	S8380 U9877	320.	0.	0661	07	141.	4.3	71.	21.0	104.1	33.	2640.	32.1	
71 519	COPLY B/H STAFFS	S8380 U9877	320.	0.	1171	10	115.	5.6	71.	19.0	232.0	46.	200.	29.8	
761295	G.W.R. STOURBRIDGE	S907 U848	276.	0.	0820	07	94.	.0	380.	378.9	1280.6	35.	130.	62.2	
71 488	HILTON P/S NO 1	S777 U959	215.	0.	1171	10	22.	5.6	67.	29.0	229.5	50.	55.	40.6	
79 478	KEMPSEY NO.1 WORCS.	S86090U49334	0.	936.	0779	27	1800.	80.0	340.	90.0	.0	820.	2840.	28.0	
79 195	KEMPSEY NO.1 WORCS.	S86090U49334	0.	0.	0679	17	7500.	170.0	1800.	390.0	66.0	1620.	14600.	25.4	
67 176	LLANDRINDOD WELLS	S06 U61	0.	0.	08	08	930.	.9	313.	9.4	166.0	5.	1875.	4.7	
67 177	LLANDRINDOD WELLS	S06 U61	0.	0.	08	08	461.	7.0	169.	61.0	78.0	0.	1137.	36.8	
67 180	LLANDRINDOD WELLS	S06 U61	0.	0.	07	07	1352.	10.4	458.	176.0	3.5	0.	3377.	38.5	
761292	LONGMORE HILL ASTLEY	S8035 U6875	138.	0.	1153	07	6.	.0	53.	29.5	97.0	32.	32.	47.9	
761296	L PENN WWS WOMBOURN	S8586 U9592	212.	0.	0822	07	25.	9.6	78.	17.3	122.0	80.	27.	25.6	
761297	L PENN WWS WOMBOURN	S8586 U9592	312.	0.	0927	07	9.	2.9	75.	10.6	93.5	10.	15.	18.6	
771107	MARINE \$OLD COALI	S199300U1710	0.	620.	0674	13	590.	50.0	11.	11.0	1420.0	12.	32.	33.1	
771115	MARINE \$UPPER 9FTI	S197600U2820	0.	355.	73	13	650.	90.0	29.	15.0	1012.0	16.	42.	24.8	
761302	NORTON STOURBRIDGE	S892 U826	243.	0.	0266	10	8.	2.0	55.	2.0	42.7	39.	17.	5.6	SO
761293	RED HILL \$URE UPTON	S8340 U4040	488.	0.	1011	07	354.	28.0	76.	19.2	.0	668.	192.	26.0	

SEQ NO	LOCALITY	N G R	DEPTH, M		DATE	TYPE	ANALYSES, MILLIGRAMMES PER LITRE										R	
			WELL	SMP L			*	NA	K	CA	MG	HCO3	SO4	CL	*			
761294	RED HILL BORE UPTON	S8340 04040	518.	0.	0413	07	360.	.7	54.	15.3	.0	519.	197.	31.6		SO		
771117	ROSE HEYWORTH \$GARWI	S22990003200	0.	432.	73	13	170.	32.0	16.	33.0	598.0	74.	20.	62.7				
71 496	ROUGHTON B/H STAFFS	S751 0945	177.	0.	1171	10	11.	2.6	83.	9.3	172.1	72.	18.	15.4				
771118	SIX BELLS SOLD COALI	S20217001305	0.	601.	73	13	72.	33.0	36.	21.0	251.0	123.	11.	39.6				
761289	ST ANNES LYONEY	S575 0027	183.	0.	0950	07	22.	.0	38.	23.0	128.1	13.	9.	50.0				
71 493	STAHLEFORD NO 1	S764 0981	274.	0.	1171	10	220.	5.5	142.	20.0	196.7	54.	450.	18.6		SO		
761395	BIRMINGHAM RACECOURS	S1282 P8972	307.	0.	0462	07	21.	2.0	53.	15.8	64.0	123.	8.	32.5				
761013	BRWRY NO 7 SMETHWICK	S0323 P8705	203.	0.	0349	07	0.	.0	24.	4.4	.0	9.	17.	23.0		SP		
761477	STOW ON THE WOLD 1	S1924 P2374	365.	321.	1061	07	337.	3.1	122.	20.5	44.0	822.	148.	21.4				
771100	COGNANT \$BUTE SEAMI	S84599S94012	0.	607.	1073	13	540.	29.0	1.	4.0	1000.0	76.	100.	29.4				
771105	FFALDAU \$GUGI	S89545S93400	0.	477.	1073	13	520.	39.0	1.	3.0	815.0	48.	184.	19.1		SS		
771111	WYNDHAM/WESTERN	S95210S90980	0.	602.	1073	13	830.	57.0	2.	16.0	1901.0	22.	140.	45.8				
761283	ALDRLY P/S MNKS MILL	S770 T913	0.	0.	0159	02	10.	3.0	123.	9.0	164.7	64.	18.	10.7		ST		
67 101	BATHEASTON SHAFT	S780 T678	103.	0.	61	07	476.	28.0	261.	65.0	161.4	938.	964.	28.0				
67 156	BATH KINGS SPRING	S7486 T6473	0.	0.	0559	26	174.	15.7	392.	53.7	216.3	1021.	276.	18.1				
771098	BEDWAS YARD*7 SEAM	S1909 T8863	0.	623.	0374	13	270.	10.0	5.	2.0	556.0	27.	36.	24.6				
761284	BLAISE NO 1 HENBURY	S5540 T7845	416.	0.	0535	10	20.	1.7	90.	14.5	156.5	43.	24.	20.8				
771099	BRITANNIA 7FT SEAM	S15883T98226	0.	679.	1074	13	800.	93.0	3.	16.0	2000.0	65.	34.	34.2				
771101	CWM COEDEL YARD SM.	S05350T87900	0.	651.	0774	13	920.	30.0	5.	5.0	2366.0	10.	56.	28.8				
771104	DEEP DUFFRYN 5GDG SM	S03240T98562	0.	587.	1073	13	1550.	70.0	10.	4.0	3264.0	20.	150.	12.6				
761285	FRAMPTON P/S	S670 T819	112.	0.	0149	10	69.	.0	65.	21.0	176.0	66.	29.	34.8				
761286	FRAMPTON P/S	S670 T819	112.	0.	0159	10	72.	8.4	63.	21.7	186.0	69.	26.	34.7				
771114	GLYNTILLERY BRITHDIR	S25585T96882	0.	205.	73	13	6.	3.0	60.	23.0	256.0	61.	10.	38.1				
771108	OAKDALE \$YARD*7FT1	S18854T97922	0.	761.	1073	13	260.	36.0	4.	4.0	610.0	23.	20.	22.7				
771109	PENRIKYBER 7FT	S06365T97330	0.	572.	1073	13	960.	43.0	6.	3.0	2410.0	16.	72.	15.0				
761288	SHIPTON MOYNE	S899 T885	135.	0.	0414	07	47.	.0	116.	15.0	203.0	85.	19.	17.6				
761287	SHIPTON MOYNE B/H 3	S899 T885	135.	0.	0816	07	83.	.0	72.	8.0	158.0	51.	56.	15.5		ST		
761382	AGWI PETROL FAWLEY	S4603 U0359	179.	0.	0940	07	49.	.0	28.	8.0	67.1	50.	35.	32.0		SU		
761016	AGWI PETROL FAWLEY	S4580 U0401	168.	0.	0940	11	49.	.0	27.	7.5	134.2	48.	32.	31.4				
761017	AGWI PETROL FAWLEY	S4580 U0401	168.	0.	0235	07	18.	5.4	31.	1.8	.0	38.	34.	8.1				
771083	HUXALLS LANE NO.16	S8619 U4930	460.	400.	0176	10	89.	5.5	10.	2.2	145.0	16.	67.	22.6				
761388	BRICKWOODS BREWERY	S6325 U0049	215.	0.	0399	07	337.	.0	75.	35.0	121.5	162.	493.	43.5				
761398	CHIEVELEY NEWBURY	S4765 U7518	132.	0.	1057	07	30.	.0	115.	.0	188.1	7.	13.	.0				
761397	UIDCUT ORUNNC OPT	S5109 U9148	105.	0.	0616	07	2861.	.0	283.	205.0	122.0	1595.	5720.	54.4				
761381	EXBURY HANTS	S4265 U0011	268.	0.	1030	07	24.	.0	44.	11.0	73.2	50.	25.	29.2				
73 478	FAIRCROSS B/H	S69720U63230	0.	171.	0873	17	676.	20.0	38.	36.0	374.0	0.	1026.	55.2				
73 561	FAIRCROSS B/H	S69720U63230	0.	259.	0873	17	1770.	24.0	83.	34.0	.0	0.	0.	37.0				
73 589	FAIRCROSS B/H	S69720U63230	0.	282.	0873	17	1960.	36.0	74.	46.0	.0	0.	0.	45.1				
73 608	FAIRCROSS B/H	S6972 U6323	329.	328.	0973	17	2680.	350.0	103.	61.0	413.0	0.	0.	26.3				
761523	FORDINGBRIDGE NO.1	S1875 U1181	237.	208.	1058	27	511.	4.2	62.	19.6	636.0	115.	256.	33.5				
761524	FORDINGBRIDGE NO.1	S1875 U1181	798.	772.	1158	27	7295.	11.0	341.	141.0	179.0	17.	12100.	40.2				
761525	FORDINGBRIDGE NO.1	S1875 U1181	1118.	1069.	1158	27	21190.	102.5	1672.	350.0	143.0	496.	36275.	25.1				
771081	GRAMPS HILL	S371 U841	187.	150.	0275	10	114.	4.0	8.	.5	.0	45.	13.	7.6				
771085	GREATHAM NO.2	S779 U296	165.	66.	0776	10	6.	3.0	56.	3.1	183.0	9.	12.	8.2				
761399	FOGNAM FM LAMBOURNE	S2966 U8020	120.	0.	0367	07	56.	3.1	71.	2.5	.0	16.	25.	5.4				
81 923	MARCHWOOD TEST	S3991 U1118	2593.	1668.	0581	10	33240.	582.0	3670.	658.0	81.0	1400.	63815.	21.5				
771086	OAKHANGER NO.4	S767 U356	176.	105.	1175	10	8.	2.7	40.	5.0	142.0	9.	10.	16.5				
761377	OTTERBOURNE STHMPTN	S4668 U2240	122.	0.	0959	07	7.	.0	88.	4.3	128.1	37.	15.	7.5				
761378	OTTERBOURNE STHMPTN	S4668 U2240	135.	0.	0859	07	7.	.0	89.	3.4	135.2	3.	14.	5.9		SU		
761380	OTTERBOURNE STHMPTN	S4668 U2240	152.	0.	1159	07	9.	.0	94.	4.6	142.3	8.	16.	7.5				

*TYPE CODES ARE 02SPRING, 03STREAM, 07BOREHOLE/WELL, 08SHALLOW WELL, 09DEPTH SAMPLE, 10PUMPED SAMPLE, 11ARTESIAN FLOW, 12MINE DRAINAGE (SURF), 13MINE DRAINAGE (U/GROUND), 17INTERSTITIAL, 23COND. STEAM, 24ENTRAINED WATER, 25THERMAL G/WATER, 26THERMAL SPRING, 27DRILL STEM TEST

SEQ NO	LOCALITY	N G R	DEPTH, M		DATE	TYPE	*	NA	ANALYSES, MILLIGRAMMES PER LITRE						R	*
			WELL	SMPL					K	CA	MG	HC03	SO4	CL		
761375	OTTERBOURNE STHMPN	S4668 U2240	369.	0.	0399	07	1.	.0	100.	150.0	134.2	5.	15.	71.1	SU	
761376	OTTERBOURNE STHMPN	S4668 U2240	369.	0.	1259	07	17.	.0	94.	2.2	139.3	5.	28.	3.7		
761549	PORTSDOWN NO.2	S6394 U0739	870.	533.	0348	27	285.	22.0	22.	6.6	205.0	189.	177.	24.7		
761550	PORTSDOWN NO.2	S6394 U0739	870.	665.	0348	27	886.	22.0	14.	4.4	356.0	148.	1065.	22.3		
761551	PORTSDOWN NO.2	S6394 U0739	870.	759.	0348	27	2548.	45.0	144.	17.5	183.0	74.	4047.	14.7		
761552	PORTSDOWN NO.2	S6394 U0739	870.	804.	0348	27	4868.	54.0	372.	157.0	139.0	502.	8165.	39.3		
761553	PORTSDOWN NO.2	S6394 U0739	870.	865.	0348	27	4549.	96.0	320.	62.0	355.0	8511.	1208.	21.7		
771080	RIDGEWAY DOWN	S428 U845	168.	155.	1074	10	109.	4.9	2.	.6	390.2	18.	7.	18.0		
771082	SANDPOOL FARM	S012 U943	165.	0.	0773	10	101.	2.0	31.	7.0	262.0	28.	71.	26.5		
761534	SHALFORD NO 1	S9821 U4679	838.	826.	0558	27	37260.	184.0	6280.	1157.0	234.0	539.	71355.	23.0		
761535	SHALFORD NO.1	S9821 U4679	1280.	1258.	0658	27	29893.	101.0	3572.	1348.0	168.0	3226.	54100.	38.0		
79 166	SHREWTON BRIDPORT 2	S032 U418	0.	1191.	0179	17	24200.	260.0	4540.	1280.0	.0	380.	49500.	31.1		
771079	SLOUGH ESTATES NO.11	S9506 U8194	332.	0.	0274	10	112.	4.4	22.	3.6	262.0	39.	45.	19.7		
761383	STANBRIDGE MILL BH 3	S010 U089	152.	0.	1065	07	9.	.8	75.	1.7	114.7	6.	16.	3.6		
761396	SWINDON G.W.H.	S1416 U8507	224.	0.	0285	07	10025.	121.3	968.	347.3	89.5	12.	18217.	35.7		
771087	TILFORD NO.1	S872 U408	151.	0.	0876	10	7.	1.6	48.	1.9	145.0	9.	12.	6.0		
771088	TILFORD NO.2	S872 U408	173.	82.	0571	10	8.	1.6	48.	3.8	140.0	8.	12.	11.5		
771084	TUNGHAM NO.2	S8836 U4942	462.	400.	1074	10	90.	5.8	11.	2.2	148.0	15.	71.	20.9		
761514	WINCHESTER NO.1	S5034 U2849	1347.	1246.	0260	27	21470.	161.0	3408.	681.0	154.0	239.	41000.	24.3		
761515	WINCHESTER NO.1	S5034 U2849	1399.	1369.	0260	27	5695.	39.0	496.	48.0	756.0	239.	9228.	13.3		
761401	WOODS FM STREATLEY	S5835 U7952	91.	0.	1069	07	5.	1.5	101.	1.5	.0	0.	11.	2.4		
771089	WOODGARSTON NO.2	S588 U552	181.	90.	0776	10	7.	.8	105.	1.9	290.0	7.	13.	2.9		
761385	YARHBROOK LAVANT BH 1	S8542 U0978	122.	0.	0863	07	11.	1.0	102.	2.0	131.1	12.	32.	3.1		
761386	YARHBROOK LAVANT BH 2	S8563 U0962	122.	0.	1063	07	12.	1.0	97.	6.0	137.2	10.	32.	9.2		
761387	YARHBROOK LAVANT BH 3	S8554 U0967	122.	0.	1063	07	10.	1.0	96.	4.0	140.3	8.	22.	6.4		
81 218	YARBURY NO.1	S0336 U4105	1680.	1085.	1180	27	20600.	186.0	3800.	1030.0	86.0	358.	43000.	30.4	SU	
761005	PENDRIVES MN CAMBORNE	S647 W383	0.	232.	1269	13	30.	4.0	100.	8.6	40.0	30.	35.	12.2	SW	
761006	PENDRIVES MN CAMBORNE	S647 W383	0.	0.	1269	13	30.	5.0	95.	7.3	30.0	25.	30.	11.0		
761007	PENDRIVES MN CAMBORNE	S647 W383	0.	0.	1269	13	20.	5.0	85.	6.0	35.0	20.	30.	10.2		
761000	S CROFTY MN CAMBORNE	S666 W413	0.	565.	1269	13	1220.	60.0	675.	37.0	110.0	90.	3340.	8.0		
761001	S CROFTY MN CAMBORNE	S666 W413	0.	611.	1269	13	280.	20.0	305.	49.3	20.0	160.	1100.	20.5		
761002	S CROFTY MN CAMBORNE	S666 W413	0.	611.	1269	13	620.	30.0	320.	28.8	60.0	80.	1680.	12.4		
761003	S CROFTY MN CAMBORNE	S666 W413	0.	611.	1269	13	120.	10.0	150.	14.2	70.0	100.	265.	13.1		
761004	S CROFTY MN CAMBORNE	S666 W413	0.	693.	1269	13	3800.	180.0	2440.	76.5	30.0	125.	10830.	4.7		
761008	WHEAL JANE ST DAY	S771 W427	0.	107.	1269	13	20.	2.0	85.	8.6	.0	70.	30.	14.2		
761009	WHEAL JANE ST DAY	S771 W427	0.	0.	1269	13	950.	55.0	535.	28.4	.0	110.	2790.	7.7		SW
761513	BERE REGIS NO.1	S8642 Y9562	933.	908.	0659	27	30610.	97.0	1440.	589.0	106.0	44.	51470.	39.5	SY	
761441	ENCOMBE NO.1	S9412 Y7831	872.	833.	0465	27	11441.	60.8	272.	129.6	468.0	463.	17750.	41.4		
761442	ENCOMBE NO.1	S9412 Y7831	610.	580.	0465	27	33007.	179.4	1400.	1464.0	230.0	53.	57510.	61.8		
761495	KIMMERIDGE NO.2	S9120 Y7910	586.	545.	0860	27	14533.	114.0	770.	294.0	237.0	518.	24140.	36.9		
761496	KIMMERIDGE NO.2	S9120 Y7910	607.	598.	0860	27	17229.	390.0	800.	218.0	322.0	580.	28250.	26.4		
761497	KIMMERIDGE NO.2	S9120 Y7910	643.	625.	0960	27	23573.	78.0	2070.	360.0	77.0	366.	40820.	22.0		
761506	KIMMERIDGE NO.3	S8978 Y7895	592.	576.	1159	27	7704.	10.0	296.	122.0	271.0	1078.	11715.	40.1		
761507	KIMMERIDGE NO.3	S8978 Y7895	890.	881.	1259	27	40515.	286.0	7680.	1747.0	146.0	497.	80940.	26.9		
761508	KIMMERIDGE NO.3	S8978 Y7895	905.	902.	0160	27	32240.	195.0	5600.	1048.0	88.0	510.	62470.	23.3		
761509	KIMMERIDGE NO.3	S8978 Y7895	936.	915.	0260	27	27823.	163.0	4220.	829.0	55.0	499.	52540.	24.1		
761510	KIMMERIDGE NO.3	S8978 Y7895	966.	914.	0260	27	38891.	224.0	7160.	1530.0	66.0	433.	77030.	25.8		
761511	KIMMERIDGE NO.3	S8978 Y7895	981.	969.	0360	27	32654.	206.0	5540.	829.0	51.0	412.	62470.	19.5		
761512	KIMMERIDGE NO.3	S8978 Y7895	1043.	1021.	0360	27	44475.	280.0	8480.	1572.0	80.0	584.	88040.	23.1	SY	
761431	LANGTON HERRING NO.1	S6063 Y8171	293.	263.	0159	27	23585.	156.9	1356.	875.3	219.0	117.	41190.	50.1		

SEQ NO	LOCALITY	N G R	DEPTH,M		DATE	TYPE	NA	ANALYSES, MILLIGRAMMES PER LITRE						R	* #
			WELL	SMPL				K	CA	MG	HCO3	SO4	CL		
771125	LULWORTH BANKS NO.1	S7850 Y7710	762.	762.	1063	27	31435.	249.0	3134.	1519.0	278.0	1594.	57445.	43.4	
761446	WAREHAM NO.1	S9091 Y8782	865.	850.	64	27	34029.	174.7	1640.	768.0	78.0	688.	57155.	42.3	SY
761447	WAREHAM NO.1	S9091 Y8782	1216.	1200.	1164	27	33377.	284.0	2200.	540.0	131.0	1754.	55755.	27.5	
761448	WAREHAM NO.1	S9091 Y8782	1746.	1659.	1164	27	75474.	992.0	3720.	696.0	62.0	1540.	124605.	21.4	
761443	WAREHAM NO.2	S9093 Y8834	896.	886.	0165	27	35317.	227.8	1740.	672.0	91.0	874.	58930.	37.4	
761444	WAREHAM NO.2	S9093 Y8834	1291.	1247.	0265	27	38999.	327.5	2480.	648.0	109.0	2164.	64965.	28.8	SY
67 165	SANDROCK I.O.W.	S500 Z750	0.	0.	82	02	209.	19.3	293.	89.1	.0	6382.	151.	32.7	SZ
811093	FORDON NO.1	T0582 A7570	1743.	1729.	0756	27	54930.	1267.0	5500.	635.0	73.0	2230.	94060.	14.6	TA
811026	FORDON NO.1	T0582 A7570	2288.	2266.	0856	27	104100.	2240.0	6620.	976.0	73.0	913.	176500.	17.2	
811138	FORDON NO.2	T06890A73604	2339.	2243.	1074	27	82080.	1320.0	18160.	2350.0	223.0	870.	165900.	17.1	
761178	HUNMANBY NO 1 YORKS	T1301 A7588	2248.	1169.	0673	27	73707.	.0	18266.	.0	.0	0.	146181.	.0	
761177	HUNMANBY NO 1 YORKS	T1301 A7588	2248.	2219.	0673	27	59539.	.0	8052.	.0	.0	0.	106209.	.0	
761175	HUNMANBY NO 1 YORKS	T1301 A7588	2248.	0.	0673	27	88881.	.0	4069.	.0	.0	0.	144466.	.0	
811142	RISBY NO.1	T01057A35778	1290.	1247.	1172	27	69635.	7900.0	18500.	3908.6	149.5	593.	158213.	22.2	
761459	TEJNEY LOCK NO.1	T3318 A0093	1865.	1814.	0763	27	33119.	335.0	5900.	396.0	98.0	1447.	61770.	9.7	TA
761432	HARDNEY NO.1	T1192 F6862	1558.	150.	0866	27	10068.	299.0	1800.	384.0	223.0	956.	19170.	24.5	TF
811070	BLANKNEY NO.2	T0457 F6085	922.	909.	0943	27	3068.	192.0	644.	84.0	66.0	3321.	1757.	15.7	
811062	BLANKNEY NO.2	T0457 F6085	937.	934.	1043	27	2842.	350.0	762.	252.0	234.0	815.	5982.	30.6	
761476	GLINTON NO.1	T1502 F0526	369.	317.	1061	27	1935.	14.3	218.	86.7	138.0	1783.	2185.	38.8	
811139	HELPRINGHAM NO.1	T17530F38840	594.	578.		27	2760.	70.0	1390.	310.0	10.0	2000.	6000.	26.4	
811152	NETLETON	T11847F96420	1350.	1269.		27	46597.	.0	3920.	122.0	113.7	1504.	77997.	4.9	
811005	NOCTON NO.2	T02110F65230	930.	925.	1143	27	3208.	113.0	670.	239.0	219.0	14.	5609.	35.1	
811081	NOCTON NO.2	T0211 F6523	957.	954.	0144	10	3070.	158.0	534.	159.0	190.0	107.	6035.	29.9	
811080	NOCTON NO.4	T0 F6	967.	959.	0144	27	2915.	406.0	656.	224.5	260.0	66.	6462.	30.0	
811082	NOCTON SOUTH NO.1	T0297 F6396	941.	936.	0444	27	3445.	113.0	740.	203.0	315.0	1235.	6106.	29.6	
811004	RUSKINGTON NO.1	T09200F49740	792.	782.	0355	27	5597.	102.0	1660.	305.0	91.0	1992.	11005.	22.7	
811003	RUSKINGTON NO.1	T09200F49740	907.	896.	0455	27	3576.	59.0	728.	142.0	187.0	523.	6709.	23.6	
811074	RUSKINGTON NO.1	T0920 F4974	996.	983.	0455	27	3993.	76.0	674.	311.0	446.0	877.	7242.	41.8	
67 194	WOODHALL SPA LINC'S	T200 F640	0.	0.	0352	07	7590.	38.4	525.	319.5	207.4	0.	13491.	49.2	TF
761389	BEESTON REGIS NRFLK	T1680 G4160	107.	0.	0962	07	18.	.0	98.	6.0	276.6	30.	28.	9.2	TG
74 486	TRUNCH B/H	T2937 G3450	0.	160.	1174	17	2050.	65.0	111.	231.0	.0	893.	3305.	72.5	
74 513	TRUNCH B/H	T2937 G3450	0.	283.	1274	17	5800.	188.0	333.	795.0	.0	0.	0.	75.3	
74 530	TRUNCH B/H	T2937 G3450	0.	368.	0175	17	8920.	244.0	472.	1160.0	.0	0.	0.	76.2	
74 547	TRUNCH B/H	T2937 G3450	0.	461.	0175	17	10350.	264.0	586.	1290.0	.0	3097.	19700.	74.7	
74 552	TRUNCH B/H	T2937 G3450	0.	508.	0375	17	11250.	304.0	750.	1220.0	.0	0.	19700.	69.0	
74 561	TRUNCH B/H	T2937 G3450	0.	594.	0375	17	8350.	252.0	1080.	560.0	.0	0.	0.	43.3	
761390	POCKTHORPE BRWRY NRW	T2358 G0944	102.	0.	1162	07	33.	7.0	133.	9.0	.0	73.	57.	9.8	
761024	SOMERTON NO1 NORFOLK	T4607 G2120	1397.	683.	68	27	16700.	240.0	3000.	800.0	200.0	580.	31000.	29.7	
761025	SOMERTON NO1 NORFOLK	T4607 G2120	1397.	1060.	68	27	21300.	290.0	3800.	1000.0	120.0	360.	49000.	29.5	
761026	SOMERTON NO1 NORFOLK	T4607 G2120	1397.	0.	68	27	8800.	80.0	500.	300.0	60.0	2630.	10500.	47.8	TG
771078	LAPORTES LUTON	T067 L221	198.	143.	0274	10	9.	4.2	50.	10.1	224.0	36.	14.	24.2	TL
771077	WHITBREADS BY.LUTON	T055 L233	183.	170.	1175	10	10.	4.1	52.	5.8	177.0	25.	16.	15.1	
761014	CARPENTRS RD WEST HAM	T3786 G8440	107.	0.	0138	07	0.	.0	153.	40.4	.0	253.	192.	30.4	TQ
761516	CLIFFE NO.1	T7240 Q7632	252.	241.	0859	27	764.	12.4	33.	21.0	300.0	158.	901.	46.9	
761384	HARDHAM SUSSEX	T0332 Q1774	185.	0.	0163	11	73.	4.0	15.	3.0	103.7	17.	19.	22.5	
761018	RUSHENDEN P/S SHEPEY	T9053 Q7128	122.	0.	1056	10	33.	16.4	109.	36.7	390.5	110.	58.	34.0	
811154	SOMPTING SUSSEX	T1661 Q0636	475.	404.	0878	10	8.	2.9	16.	2.3	65.8	13.	9.	17.8	
761015	FAVERSHAM STN KENT	T0169 R6087	106.	0.	1132	07	0.	.0	142.	4.6	.0	10.	24.	5.1	TQ

*TYPE CODES ARE 02SPRING,03STREAM,07BOREHOLE/WELL,08SHALLOW WELL,09DEPTH SAMPLE,10PUMPED SAMPLE,11ARTESIAN FLOW, 12MINE DRAINAGE (SURF),13MINE DRAINAGE (U/GROUND),17INTERSTITIAL,23COND. STEAM,24ENTRAINED WATER,25THERMAL G/WATER, 26THERMAL SPRING,27DRILL STEM TEST

* REFER TO FOURNIER AND POTTER,1979. IF R ABOVE 50, PROBABLY COOL AQUIFER ONLY. IF R LESS THAN 50 MG CORRECTION ON NA/K/CA TEMP SHOULD BE APPLIED. R IS EQUIVALENTS RATIO IN PERCENT OF MG/(MG+CA+K).

TABLE III B

INDEX, NAME OF BOREHOLE/LOCALITY

See Table III A

T/H₂O Water temperature measured either on discharge at the surface, in underground workings or, by downhole temperature probe, in degrees centigrade.

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

TDS Total dissolved solids. In general this figure represents total determined constituents, derived from Table III A chemical analysis.

SIO₂ Silica content (mg/l) expressed as SiO₂

AMPHS Amorphous Silica (opal) temperature.*

QZ Quartz temperature.*

CHALCEDONY Chalcedony temperature.*

CHRISTOBALITE Cristobalite temperature.*

NA/K/CA Fluid temperature.*

NA/K Fluid temperatures.*

* See section 5.4 of original catalogue.

SEQ NO	LOCALITY	MEASURED DATA						GEOTHERMOMETERS, IN DEG C									NA/K B=0	
		TEMP DEGC	PH	TDS MG/L	S102 MG/L	LOG PCO2	AMPHS	SILICA			B=4/3	B=1/3	PACES	MGCOR				
							QZ	CHALC	CRIST									
81 777	LARNE DST2 STAND 40	45.0	6.60	197294.	15.8	-1.8	-46.5	63.2	28.9	13.8	221.8	95.2	114.9	57.0	-8.8	ID		
76 733	BALLYLOUGHAN BRIDGE	8.2	8.06	434.	10.3	-2.8	-64.8	40.4	5.4	-7.8	77.6	132.0	34.3	35.3	108.7	IH		
76 730	WILSONS BRIDGE NO.3	11.5	.00	573.	11.6		-61.7	44.3	9.4	-4.1	44.5	123.9			117.9			
79 234	BALLYMACILROY ANTRIM	.0	.00	101300.	10.9	.0	-60.4	46.0	11.1	-2.6	165.4	106.5		85.8	20.2	IJ		
79 263	BALLYMACILROY ANTRIM	65.5	8.05	118590.		.0					197.7	123.4	.0	79.3				
67 203	STRATHPEFFER STRHLND	.0	.00	1299.	43.6		-19.3	95.8	63.5	45.4	52.2	160.7			212.9			
67 204	SIRATHPEFFER STRONG	.0	.00	1620.	30.6		-32.2	80.5	47.2	30.4	40.6	204.4			419.3	NH		
761277	LDYWELL BRDG OF EARN	.0	.00	1807.							38.7	107.1			83.3			
761279	UCHLSPA BRDG OF EARN	.0	.00	115.	7.5		-72.6	30.5	-4.7	-17.1	46.0	201.6			389.0	NO		
761278	SPAWELL BRDG OF EARN	.0	.00	3872.	10.9		-63.1	42.5	7.6	-5.8	45.6	100.2			63.0			
771057	BARONY COLLIERY	19.0	8.20	3566.		-2.3					136.3	117.7	70.3	25.7	48.1	NS		
771058	BARONY COLLIERY	12.0	8.40	1447.		-2.7					144.1	108.4	83.8	51.3	29.8			
771059	BARONY COLLIERY	12.0	8.00	2601.		-2.3					129.0	100.2	65.1	58.1	21.8			
771060	BARONY COLLIERY	19.0	8.00	1662.		-2.3					110.8	111.2	51.9	54.9	47.5			
771044	HUGSIDE COLLRY,FIFE	17.0	7.00	2402.		-1.7					95.0	138.5	31.5		110.7			
771045	HUGSIDE COLLRY,FIFE	17.0	7.80	433.		-2.4					88.5	204.5	37.2	85.1	310.5			
67 201	BRIDGE OF ALLAN	.0	.00	9199.	24.8		-39.0	72.3	38.6	22.6	42.7	64.2			-2.1			
761265	CAMBUS DISTILLERY	.0	.00	2440.		.0												
771024	CASTLEHILL COLLIERY	16.0	8.41	591.		-2.9					88.3	143.2	44.5	74.3	126.4			
771025	CASTLEHILL COLLIERY	16.0	7.80	461.		-2.3					60.6	169.5	15.7		229.8			
771035	CASTLEHILL COLL.FIFE	16.0	8.31	444.		-2.9					96.3	148.9	50.6	71.5	133.7			
771039	CASTLEHILL COLL.FIFE	18.0	8.20	504.		-2.7					43.8	173.4	7.3		271.0			
771040	CASTLEHILL COLL.FIFE	16.0	8.20	647.		-2.7					63.9	135.2	22.6		127.6			
771041	CASTLEHILL COLL.FIFE	18.5	7.90	951.		-2.4					82.9	121.3	33.5	58.5	81.8			
761266	DUUGLAS CLRY LANARK	12.2	7.40	563.		.0												
761261	FALLING PITS NO 3	.0	.00	2744.	23.5	.0	-40.9	70.0	36.1	20.3								
771050	HIGHHOUSE COLLIERY	19.0	7.90	8281.		-2.7					190.1	149.0	116.0	64.2	83.1			
771051	HIGHHOUSE COLLIERY	16.5	8.70	5169.		-2.4					230.2	131.9	137.1		41.9			
771052	HIGHHOUSE COLLIERY	23.0	7.90	7490.		-2.5					198.3	151.6	116.0	67.5	84.7			
771053	HIGHHOUSE COLLIERY	18.0	8.40	470.	43.0	-3.0	-19.9	95.1	62.8	44.7	43.1	127.2	9.8		127.6			
771054	HIGHHOUSE COLLIERY	18.0	7.90	8237.	35.9	-2.7	-26.3	87.5	54.7	37.3	127.5	97.1	71.4	54.3	17.3			
771055	HIGHHOUSE COLLIERY	18.0	8.10	7712.	16.9	-2.0	-50.9	57.8	23.3	8.6	176.4	119.1	91.9	30.1	36.6			
771056	HIGHHOUSE COLLIERY	13.0	8.00	6279.		-2.6					149.6	113.6	85.2	57.7	36.4			
771061	KILLOCH COLLIERY	17.0	7.80	6808.	12.0	-2.5	-60.6	45.7	10.9	-2.8	137.1	112.1	73.4	66.3	38.4			
771062	KILLOCH COLLIERY	17.0	8.20	4998.	20.1	-2.7	-45.8	64.1	29.9	14.7	100.2	72.3	50.2	64.3	-11.5			
771063	KILLOCH COLLIERY	17.0	7.80	2690.	10.1	-2.3	-65.3	39.8	4.8	-8.4	111.1	94.6	52.8	59.2	19.1			
771065	KILLOCH COLLIERY	17.0	8.60	2438.	15.0	-2.7	-54.5	53.3	18.6	4.3	191.2	148.9	116.9	69.1	82.5			
771066	KILLOCH COLLIERY	20.0	8.00	1961.	7.1	-2.3	-74.0	28.8	-6.4	-18.7	122.6	107.8	60.6	69.6	36.6			
771067	KILLOCH COLLIERY	17.0	8.20	1202.		-2.6					111.6	113.7	57.3	25.3	51.5			
771026	KINNEIL COLLY,FIFE	19.0	6.60	84794.		-2.1					134.9	126.2	66.2	104.5	63.9			
771027	KINNEIL COLLY,FIFE	18.0	6.20	23914.		-2.0					126.7	118.4	57.3	83.3	53.4			
771028	KINNEIL COLLY,FIFE	19.0	6.00	59439.		-1.1					132.7	127.0	48.0	100.2	66.4			
771029	KINNEIL COLLY,FIFE	20.0	6.50	63607.		-2.0					119.7	112.8	53.0	91.8	46.3			
771030	KINNEIL COLLY,FIFE	20.0	6.30	28887.		-1.1					125.5	121.1	43.1	62.0	58.8			
771031	KINNEIL COLLY,FIFE	17.0	6.86	37609.		-1.8					123.0	105.7	52.2	69.1	32.8			
761271	MAINS LINLITHGOW	.0	.00	2459.	9.2	.0	-67.5	37.0	1.9	-11.1	73.8	103.0		72.3	50.8			
761272	MAINS LINLITHGOW	.0	.00	2102.	17.1	.0	-50.7	58.0	23.6	8.9								
761262	MANOR POWIS STIRLING	.0	.00	7329.	13.0	.0	-58.2	48.7	13.9	-0.0								
771068	POLKEMMET COLLRY	.0	7.60	902.		-2.1					99.0	138.8	40.7	83.6	108.5	NS		
771069	POLKEMMET COLLRY	17.0	8.10	803.		-2.4					94.5	137.2	41.8		108.2			

SEQ NO	LOCALITY	TEMP DEGC	MEASURED DATA			GEOTHERMOMETERS, IN DEG C										NA/K B=0	
			PH	TDS MG/L	SI02 MG/L	LOG PCO2	AMPHS	SILICA			NA/K/CA			MGCOR			
								QZ	CHALC	CRIST	B=4/3	B=1/3	PACES				
771070	POLKEMMET COLLRY	17.0	8.30	949.							98.6	139.7	46.9	34.5	110.9	NS	
771071	POLKEMMET COLLRY	17.0	7.30	1367.							94.5	142.0	27.0	56.8	119.1		
771072	POLKEMMET COLLRY	19.0	8.30	607.							94.7	128.4	47.7	56.8	89.2		
771073	POLKEMMET COLLRY	19.0	7.30	819.							76.5	131.4	17.9		108.2		
771074	POLKEMMET COLLRY	19.0	7.80	697.							67.9	123.5	19.0		96.9		
771075	POLKEMMET COLLRY	18.0	8.30	935.							113.4	135.3	58.2	60.1	92.2		
771076	POLKEMMET COLLRY	18.0	8.80	2260.							193.8	137.0	118.4		60.6		
761453	SALSBURGH NO.1A	29.0	7.60	30452.							39.1	52.6	6.3		-19.2		
771036	SOLSGIRTH COLLY.FIFE	21.5	8.50	391.							66.1	121.8	30.0		94.3		
771037	SOLSGIRTH COLLY.FIFE	21.5	8.32	641.							64.6	104.7	23.9		59.5		
771038	SOLSGIRTH COLLY.FIFE	21.5	8.50	595.							68.6	107.4	30.0		62.5		
771042	SOLSGIRTH COLLY.FIFE	22.0	7.50	160.							25.8	174.2	-9.4		313.5		
771043	SOLSGIRTH COLLY.FIFE	11.0	8.20	316.							74.9	166.6	34.7		201.6		
761263	THISTLE BRWRY ALLOA	.0	7.11	411.	7.1	-2.1	-74.0	28.7	-6.5	-18.8	71.8	233.9	21.2	63.6	487.1		
761264	THISTLE BRWRY ALLOA	.0	.00	349.							34.4	195.0			389.0		
771032	VALLEYFIELD COLLIERY	19.0	7.10	57491.							189.8	120.8	119.8		35.4		
771033	VALLEYFIELD COLLIERY	19.0	7.10	45682.							119.4	115.6	56.9	88.0	51.6		
771034	VALLEYFIELD COLLIERY	19.0	7.20	68550.							119.8	108.5	67.1	85.2	38.9		
771023	VALLEYFIELD COLLIERY	16.5	5.12	151422.							166.8	141.7	65.9	90.1	78.8	NS	
761276	ALUM WKS BURNTISLAND	.0	.00	1176.	7.1	.0	-74.0	28.7	-6.4	-18.8						NT	
771046	BILSTON GLEN COLLRY	15.0	7.70	551.							89.8	225.6	35.9	49.1	397.1		
761260	BLAIRHALL CLY CULROSS	.0	.00	1117.													
761236	GORE PIT EDINBURGH	.0	8.40	990.	12.0	-3.5	-60.7	45.5	10.7	-3.0							
771047	LADY VICTORIA COLLRY	18.0	7.60	1274.							-7.0	168.5	-38.9		387.2		
771048	LADY VICTORIA COLLRY	.0	7.40	923.							84.3	239.5	27.1	67.9	481.1		
771049	LADY VICTORIA COLLRY	18.0	7.50	547.							65.9	233.2	15.3		501.7		
761273	LINO WKS KIRKCALDY	.0	.00	1883.	9.8		-65.9	39.1	4.1	-9.0	77.2	206.5			339.0		
67 111	MOFFAT WELL DUMFRIES	.0	.00	1358.	31.2		-31.5	81.3	48.1	31.3	60.2	86.3			27.4		
761465	PUMPHERSTON NO.1	34.0	6.80	68486.							135.8	100.2	67.2	85.4	19.4		
771022	SEAFIELD COLLIERY	21.0	7.70	4349.							15.5	77.7	-16.4		38.9	NT	
761269	ARD WTR FCTRY DMFRS	.0	.00	439.	9.6	.0	-66.5	38.4	3.3	-9.8						NX	
761268	OLD BREWERY DUMFRIES	.0	.00	128.													
761270	ANNAN DUMFRIES	.0	8.50	511.	14.3	-3.8	-55.8	51.7	17.0	2.8							
761235	CREAMERY LOCKERBIE	.0	7.60	975.												NY	
761267	KERSHOPEFOOT NWCSTLT	.0	7.30	260.	4.3	-2.3	-85.2	14.4	-20.9	-32.1							
761234	PRISTDYK FM LOCKRIBIE	.0	7.60	196.							30.2	180.2	-2.2		329.1		
71 140	BLACKHALL COLLIERY	.0	6.55	203114.							504.7	243.2	282.6	42.6	169.7	NZ	
71 291	BLACKHALL COLLIERY	.0	7.30	48895.							293.5	203.7	181.0	36.0	150.1		
71 301	BLACKHALL COLLIERY	.0	6.72	170473.							489.5	250.2	271.5	42.5	186.6		
71 304	BLACKHALL COLLIERY	.0	5.80	142785.							178.1	117.1	85.4	64.2	32.9		
771094	CASTLE EDEN	.0	7.60	932.	8.8	-2.2	-68.8	35.4	.3	-12.5	50.1	138.9	6.0		151.0		
771092	CHOOKFOOT HARTLEPOOL	.0	7.70	416.	5.1	-2.4	-81.3	19.4	-15.8	-27.4	25.0	136.0	-10.3		174.4		
811136	EGTON HIGH MOOR NO.1	.0	8.40	226531.							269.7	105.6	186.0	78.0	-3.3		
811137	EGTON HIGH MOOR NO.1	.0	8.30	293330.							274.1	89.4	174.3		-24.2		
811099	ESKDALE NO.10	.0	5.90	314566.							467.0	191.6	246.9	75.0	88.2		
811100	ESKDALE NO.10	.0	6.70	321053.							472.6	186.6	301.0	123.3	79.7		
811102	ESKDALE NO.11	.0	8.70	314572.							455.5	190.5	374.1	96.4	88.3		
811101	ESKDALE NO.11	.0	7.20	318047.							605.7	219.3	357.1	172.8	112.4		
811103	ESKDALE NO.12	.0	6.60	322841.							728.8	258.8	391.8	186.9	162.2		
761424	HARTON NO.1	39.8	6.20	176648.							200.1	116.8	107.5	64.7	26.4	NZ	

GEOTHERMOMETRY FORMULAE ARE THOSE SUGGESTED BY TRUESDELL (1975). IF MEASURED TEMP IS ABOVE 95 DEG, THEN QZ TEMP IS ADIABATIC ELSE IS CONDUCTIVE. USE B=4/3 TEMP IF LESS THAN 100 DEG ELSE USE B=1/3 TEMP. IF MEASURED TEMP IS LESS THAN 75 DEG AND PCO2 IS LESS

SEQ NO	LOCALITY	TEMP DEGC	MEASURED DATA				GEOTHERMOMETERS, IN DEG C										NA/K 8=0				
			PH	TDS MG/L	SI02 MG/L	LOG PC02	AMPHS	SILICA OZ	CHALC	CRIST	B=4/3	B=1/3	PACES	MGCOR.							
761425	HARTON NO.1	44.8	5.20	195785.												202.5	113.9	77.3	63.9	21.5	
761426	HARTON NO.1	.0	5.20	205966.												201.4	124.5	93.8	99.0	38.0	NZ
771095	HAWTHORN B/H	.0	7.40	572.	8.3			-70.0	33.8	-1.3	-14.0				16.1	132.9	-20.5		178.2		
71 132	HURDEN COLLIERY	.0	6.50	42635.											168.9	134.3	77.3	22.1	64.7		
71 133	HURDEN COLLIERY	.0	6.75	68830.											175.0	131.0	88.3	46.5	56.7		
71 134	HURDEN COLLIERY	.0	7.60	68323.											166.9	123.5	104.7	45.5	46.9		
71 135	HURDEN COLLIERY	.0	6.85	43706.											241.8	179.6	132.6		121.3		
71 142	HURDEN COLLIERY	.0	.00	57274.											162.1	120.8	.0	39.2			
71 324	HURDEN COLLIERY	.0	7.08	68618.											172.0	118.5	96.2	53.6	37.0		
71 326	HURDEN COLLIERY	.0	7.10	48743.											274.3	205.3	160.4	48.0	160.6		
71 327	HURDEN COLLIERY	.0	7.22	70260.											185.8	132.9	109.8	60.3	56.4		
811096	KIRKLEATHAM NO.1	.0	7.70	28226.											87.0	56.2	47.3		-30.6		
811097	KIRKLEATHAM NO.1	.0	6.50	217790.											216.1	93.3	112.6	46.7	-10.3		
811098	KIRKLEATHAM NO.2	.0	6.30	210879.											324.6	144.5	178.2	38.5	41.0		
771096	MILL HILL B/H	.0	7.80	501.	8.6			-69.4	34.6	-.5	-13.3				6.2	111.0	-25.2		127.3		
771091	NAISBERRY NO.2 HTLPL	.0	7.70	1119.	6.6			-75.5	26.9	-8.3	-20.5				63.0	119.4	17.7		91.6		
761259	NEWTON MULGRAVE NO 1	.0	10.20	311777.											224.2	70.7	217.6		-39.8		
811124	NEWTON MULGRAVE NO.1	.0	6.50	278499.											166.7	75.7	104.9		-23.8		
761258	NEWTON MULGRAVE NO 1	.0	7.30	291818.											183.2	56.7	119.4		-50.3		
771093	NEW WINNING	.0	7.40	412.	8.8			-68.8	35.4	.3	-12.5				19.2	125.2			150.4		
761248	RALPH CROSS NO 1 YRK	.0	6.73	164226.											221.7	96.9	111.0		-6.6		
811129	RALPH CROSS NO.1 YRK	.0	7.65	211390.											204.4	86.5	124.6	68.5	-17.1		
811130	RALPH CROSS NO.1 YRK	.0	7.55	195260.											194.7	83.3	123.0	67.3	-19.4		
811131	RALPH CROSS NO.1 YRK	.0	8.40	201737.											223.8	86.0	158.4		-21.0		
761247	RALPH CROSS NO 1 YRK	.0	6.56	279570.											245.1	89.7	130.7	70.6	-19.8		
761246	RALPH CROSS NO 1 YRK	.0	7.70	244927.											230.0	83.2	146.7	78.6	-25.5		
71 138	S HETTON COLLIERY	.0	6.60	85978.											182.0	138.2	91.4	66.0	66.8		
71 139	S HETTON COLLIERY	.0	2.60	8670.											146.4	146.1			96.5		
71 136	VANE TEMPEST COLIERY	.0	6.20	136268.											208.8	141.0	106.6	47.4	62.6		
71 137	VANE TEMPEST COLIERY	.0	.00	183176.											230.5	139.7	.0	38.4			
771090	WATERLOO PLANTATION	.0	.00	632.	7.1			-74.0	28.7	-6.5	-18.8				13.4	133.3			183.8		
71 131	WESTOE COLLIERY	.0	5.65	144017.											216.3	131.3	103.4	24.8	44.6	NZ	
761027	BOULSWORTH NO1 LANCS	45.6	6.80	71745.											359.2	245.0	181.3	104.3	214.2	SD	
761028	BOULSWORTH NO1 LANCS	48.3	6.90	63095.																	
761029	BOULSWORTH NO1 LANCS	49.7	6.30	88025.											184.8	115.1	73.6	67.9	27.9		
761030	BOULSWORTH NO1 LANCS	57.2	.00	101663.											203.9	135.1	.0	78.7			
761031	BOULSWORTH NO1 LANCS	57.2	.00	136813.											230.6	146.1	.0	85.5			
811104	FORMBY NO.4	.0	7.20	235448.											239.0	93.3	155.6	63.1	-14.2		
811105	FORMBY NO.5	.0	7.40	28108.											171.1	116.5	106.5	89.5	34.1		
811106	FORMBY NO.5	.0	7.10	183107.											214.4	83.7	132.2	58.2	-22.4		
811107	FORMBY NO.5	.0	7.30	236728.											229.8	86.7	149.3	61.5	-21.2		
771121	KIRKHAM	13.5	7.20	104029.											139.9	53.1	72.0		-47.2		
73 277	RAYDALE HAWES	19.0	7.75	628.											68.4	141.6	24.8		139.6	SD	
761545	ASKERN NO.1	68.0	6.90	90759.											182.5	119.1	88.3	83.8	34.8	SE	
811151	BARTON NO.1	.0	12.40	48204.																	
811149	BARTON NO.1	.0	6.70	198077.																	
811150	BARTON NO.1	.0	8.10	178524.																	
761438	BURTON UPON STATHER	58.0	6.60	84530.											170.4	128.4	74.9	63.0	53.9		
761536	BUTTERWICK NO.1	71.0	4.90	180577.											196.5	134.9	66.8	131.5	56.2		
761434	CROWLE NO.1	40.0	.00	11894.											133.9	125.9	.0	77.1		SE	

SEQ NO	LOCALITY	TEMP DEGC	MEASURED DATA			GEOTHERMOMETERS, IN DEG C										SE
			PH	TDS MG/L	SI02 MG/L	LOG PC02	AMPNS	SILICA			NA/K/CA			MGCOR	NA/K B=0	
							QZ	CHALC	CRIST	B=4/3	B=1/3	PACES				
761433	CROWLE NO.1	48.0	8.00	43865.												
811039	ELLENTHORPE NO.1	.0	7.50	92702.												
811040	ELLENTHORPE NO.1	.0	8.10	28407.												
811090	ELLENTHORPE NO.1	.0	7.40	32780.												
761257	HARSLEY NO 1 YORKS	.0	8.10	11303.												
761437	HATFIELD NO.1	50.4	6.80	100041.												
761436	HATFIELD NO.2	20.0	8.30	4520.												
761435	HATFIELD NO.2	43.1	6.80	209072.												
761251	LANGTOFT NO 1 YORKS	37.2	5.80	315277.												
761256	LANGTOFT NO 1 YORKS	36.9	6.50	319098.												
761253	LANGTOFT NO 1 YORKS	38.9	5.90	238446.												
761250	LANGTOFT NO 1 YORKS	41.7	5.30	301074.												
761021	LUCKTON NO 2A YORKS	.0	5.52	206505.												
761023	LUCKTON NO 2A YORKS	.0	6.20	42731.												
811141	LUCKTON NO.2A	.0	6.35	309827.												
761237	LUCKTON NO 5 YORKS	.0	6.70	313107.												
761238	LUCKTON NO 6 YORKS	.0	6.40	295645.												
761239	LUCKTON NO 7 YORKS	.0	5.70	330774.												
761240	LUCKTON NO 7 YORKS	.0	6.50	321339.												
761245	LUCKTON NO 8 YORKS	.0	6.50	300933.												
761241	LUCKTON NO 8 YORKS	.0	6.60	291671.												
761242	LUCKTON NO 8 YORKS	.0	6.30	280894.												
761243	LUCKTON NO 8 YORKS	.0	6.50	294155.												
811132	MALTON NO.1 YORKS	.0	7.50	313409.												
761337	MALTON NO 1 YORKS	.0	.00	330501.												
761343	MALTON NO 1 YORKS	.0	6.10	276240.												
761338	MALTON NO 1 YORKS	.0	3.80	272270.												
761345	MALTON NO 1 YORKS	.0	6.00	286910.												
811135	MALTON NO.1 YORKS	.0	6.10	298580.												
811134	MALTON NO.1 YORKS	.0	4.60	289145.												
761360	MALTON NO 1 YORKS	.0	6.30	316004.												
811133	MALTON NO.1 YORKS	.0	6.60	317664.												
761170	ROSEDALE NO 1 YORKS	.0	6.88	232791.												
761169	ROSEDALE NO 1 YORKS	.0	6.96	234382.												
761168	ROSEDALE NO 1 YORKS	.0	6.18	225813.												
811035	SAWLEY NO.1	.0	7.80	2671.												
811025	TRUMFLEET NO.1	.0	6.30	239535.												
811023	TRUMFLEET NO.1	.0	5.60	246053.												
811064	TRUMFLEET NO.1	.0	7.30	99107.												
811024	TRUMFLEET NO.2	.0	6.30	219589.												
761478	WHITWELL NO.1	37.5	7.70	182004.												
761479	WHITWELL NO.1	.0	6.50	183311.												
761480	WHITWELL NO.1	55.0	.00	157945.												
761336	WYKEHAM NO 1 YORKS	.0	6.40	222695.												
761327	WYKEHAM NO 1 YORKS	.0	6.80	331597.												
761323	WYKEHAM NO 1 YORKS	.0	6.50	321729.												
761329	WYKEHAM NO 1 YORKS	.0	5.60	319929.												
67 197	TREFRIW NO 2 SPRING	.0	.00	3555.	130.1	.0	30.9	152.5	126.6	102.2						SE
761309	ASHTON MAIN BOREHOLE	.0	7.40	249.	11.3	-2.5	-62.2	43.7	8.8	-4.7	31.0	150.9	-4.8		213.2	SH
761298	BOMERE HEATH SALOP	.0	7.40	377.		-2.4										SJ

GEOTHERMOMETRY FORMULAE ARE THOSE SUGGESTED BY TRUESDELL (1975). IF MEASURED TEMP IS ABOVE 95DEG, THEN QZ TEMP IS ADIABATIC ELSE IS CONDUCTIVE. USE B=4/3 TEMP IF LESS THAN 100 DEG ELSE USE B=1/3 TEMP. IF MEASURED TEMP IS LESS THAN 75 DEG AND PC02 IS LESS

SEQ NO	LOCALITY	TEMP DEGC	MEASURED DATA				GEOTHERMOMETERS, IN DEG C								MGCOR	NA/K B=0	
			PH	TDS MG/L	SI02 MG/L	LOG PC02	AMPHS	SILICA			NA/K/CA						
							QZ	CHALC	CRIST	B=4/3	B=1/3	PACES					
761322	BNDRY CTG P/S CROFT	.0	7.10	425.	7.9	-1.9	-71.3	32.2	-2.9	-15.5	30.5	142.9	-12.3	187.8		SJ	
761316	BRODSIDE MLS REDDISH	.0	.00	277.							27.3	135.0		168.1			
761310	CARRINGTON CHESHIRE	.0	7.00	383.	18.0	-1.8	-49.3	59.7	25.3	10.5	12.4	147.1	-26.4	233.5			
761311	CHURCH LN WOODFORD	.0	7.40	105.		.0											
771122	CLOTTON B/H TARPORLY	11.3	.00	301.	18.6		-48.2	61.0	26.7	11.7	17.5	161.0		277.0			
761012	COTON CAMP ALVELEY	.0	.00	161.		.0											
771123	EDWARD GURTON SUTTON	.0	7.00	3290.	15.2	-1.7	-54.1	53.8	19.2	4.8	27.3	117.7	-16.1	120.0			
761368	ENSONMOOR MARSTON	.0	.00	689.	21.0	.0	-44.6	65.5	31.4	16.0	138.3	208.4		98.4	257.7		
761394	ESSEX BRIDGE	.0	7.00	22250.	10.1	-2.2	-64.8	40.5	5.5	-7.8	103.6	72.6	45.7		-12.2		
761314	FALBROOME PRESTBURY	.0	7.10	317.	4.9	-2.1	-82.2	18.2	-17.0	-28.5	2.3	131.2	-31.6	195.9			
72 210	GRANVILLE COLLIERY	.0	7.95	1673.		-2.3					160.2	138.2	86.5	103.8	75.2		
761374	GRINDLE FORGE	.0	7.70	174.	13.9	-2.9	-56.7	50.6	15.9	1.8	34.4	219.3	2.1	533.5			
761299	HODNET NO 2 SALOP	.0	7.60	272.		-2.7											
761366	HOLLIES P/S GNOSALL	.0	7.50	191.	9.8	.0	-65.9	39.1	4.0	-9.1							
761367	HOLLIES P/S GNOSALL	.0	7.30	344.		-2.3											
761429	KEELE NO.1	.0	8.00	40525.		-2.6					253.7	167.8	157.7	37.1	95.1		
761430	KEELE NO.1	.0	8.00	37023.		-2.6					297.0	189.4	184.0	49.5	121.3		
761369	LOWER EYTON ALBERBRY	.0	7.00	386.		-2.0											
761313	MCLSFLD OVR ALDRLY	.0	7.10	73.	16.0		-52.6	55.6	21.1	6.6	34.2	208.7		466.0			
761312	MCLSFLD OVR ALDRLY	.0	7.35	76.	.2		-132.3	-49.3	-82.5	-89.7	21.5	167.2		293.7			
761315	MOTIRAM ST ANDREW	.0	7.40	281.	4.9	-2.4	-82.2	18.2	-17.0	-28.5	21.1	163.0	-13.4	277.0			
71 490	NEACHLEY NO 1	12.5	7.53	301.		-2.4					25.3	213.5	-10.9	534.5			
761371	NEACHLEY NO 1	.0	.00	218.	10.9		-63.2	42.4	7.5	-5.9	13.7	218.0		633.5			
761372	NEACHLEY NO 3	.0	.00	184.	9.8		-65.9	39.1	4.0	-9.1	20.3	221.7		624.2			
771119	ORGANSDALE NO.1	12.1	7.70	407.	15.4	-2.5	-53.8	54.2	19.6	5.2	58.6	118.2	15.8	92.1			
771120	ORGANSDALE NO.1	12.2	8.10	1094.	12.8	-2.8	-58.9	47.9	13.1	-0.8	79.5	91.9	35.9	61.6	27.7		
761319	PEX HILL CRONTON	.0	7.00	251.	6.2	-2.1	-77.0	24.9	-10.4	-22.4	24.5	172.8	-14.6	310.6			
771124	PRIORS HEYS TARVIN	10.8	.00	1174.	7.5	.0	-72.6	30.5	-4.6	-17.1	81.5	114.9		50.9	69.6		
761305	RUSHTON NO 1 MCLSFLD	.0	7.00	217.	4.9	-2.2	-82.2	18.2	-17.0	-28.5	33.7	190.8	-6.8	370.1			
761308	SHEEPWASH STOKES-TRNT	.0	7.40	202.		-2.5											
761364	SPTILE HSE PRESTBURY	.0	7.30	196.	4.9	-2.9	-82.2	18.2	-17.0	-28.5	13.0	158.5	-15.2	277.0			
761011	STONE BREWERY NO 1	.0	7.50	170.		-2.6											
761010	STONE BREWERY NO 2	.0	7.50	277.		-2.4											
761365	STONE U.D.C.WATERWKS	11.1	7.60	247.	9.4	-2.6	-67.0	37.6	2.6	-10.4							
761317	WTRHOUSE P/S CRONTON	.0	6.10	291.	6.0	-1.7	-77.8	23.9	-11.4	-23.3	43.3	172.9	-4.7	270.2			
761318	WTRHOUSE P/S CRONTON	.0	6.30	253.	7.1	-1.9	-74.0	28.7	-6.5	-18.8	39.3	189.6	-5.1	349.4			
761306	WHITEWOOD LN MALPAS	.0	7.90	231.	16.0	-3.0	-52.6	55.6	21.1	6.6						SJ	
811036	APLEYHEAD NO.1	.0	5.80	125053.		-1.3					185.5	119.9	82.8	69.6	35.1	SK	
811059	APLEYHEAD NO.1	.0	7.10	29822.		-2.1					118.7	97.3	53.7	89.0	20.7		
811010	APLEYHEAD NO.3	.0	6.90	98254.		-2.1					150.1	92.9	76.6	86.8	4.1		
811013	AVERHAM PARK G1	.0	7.90	11518.		-2.8					237.2	181.4	152.3	58.5	126.6		
68 132	BAKEWELL	13.3	7.44	835.		-2.2					-13.8	98.4	-42.6		119.2		
68 130	BALL EYE QY CROMFORD	13.6	7.55	541.		-2.2					10.1	134.6	-24.1		193.4		
811084	BARKESTONE NO.1	.0	7.80	4120.		-3.1					142.7	224.8	88.9	93.5	306.6		
761454	BECKINGHAM NO.1	49.0	6.80	95088.		-1.8					180.0	122.1	89.9	79.4	40.3		
761457	BECKINGHAM NO.1	47.0	.00	59466.		.0					189.1	124.5	.0	73.4			
761456	BECKINGHAM NO.1	47.6	7.10	55946.		-1.9					187.4	123.9	96.7	76.8	41.1		
761455	BECKINGHAM NO.1	48.0	.00	52455.		.0					170.9	117.4	.0	79.0			
761449	BECKINGHAM NO.4	37.0	7.90	12684.		-2.5					158.9	147.0	89.8	80.5	92.3	SK	
811050	BINGHAM NO 1	.0	7.80	6379.		-2.9					24.8	28.1	-5.7		-49.9		

SEQ NO	LOCALITY	MEASURED DATA				GEOTHERMOMETERS, IN DEG C									
		TEMP DEGC	PH	TDS MG/L	SI02 MG/L	LOG PCO2	AMPHS	SILICA QZ	CHALC	CRIST	B=4/3	NA/K/CA B=1/3	PACES	MGCOR	NA/K B=0
811051	BINGHAM NO.1	.0	7.60	4379.		-2.6					1.1	24.4	-27.5		-45.9
811052	BINGHAM NO.1	.0	8.00	4365.		-3.0					-4.7	17.4	-28.4		-53.6
811069	BINGHAM NO.1	.0	7.30	3367.		-2.3					28.8	67.0	-9.2		10.0
761492	BINGHAM NO.2	36.0	.00	4418.		.0					70.1	76.2	.0	59.4	
761493	BINGHAM NO.2	38.0	7.10	4459.		-1.9					48.6	79.0	1.7		20.4
761494	BINGHAM NO.2	39.0	7.30	2945.		-1.7					85.6	106.7	25.8	68.9	51.5
761486	BLYTON NO.1	37.0	.00	103537.		.0					142.2	98.3	.0	84.5	
761487	BLYTON NO.1	47.0	6.10	160284.		-1.3					155.3	107.4	64.9	77.9	24.5
761488	BLYTON NO.1	54.0	6.30	99779.		-1.2					193.6	127.4	85.6	88.2	44.8
761489	BLYTON NO.1	58.0	6.30	112803.		-1.2					171.7	124.3	72.4	88.9	46.6
761490	BLYTON NO.1	59.0	6.80	99930.		-1.5					191.2	126.3	90.6	80.5	43.7
761491	BLYTON NO.1	60.0	6.60	104078.		-1.2					192.8	125.1	84.8	86.1	41.3
811056	BOTHAMSALL NO.1	.0	7.30	47287.		-2.4					145.5	106.4	78.8	76.3	26.1
811057	BOTHAMSALL NO.2	.0	7.60	107739.		-3.6					157.7	106.7	111.4		22.8
761527	BOTHAMSALL NO.2	41.0	7.50	54212.		-2.2					158.8	112.7	84.2	67.3	31.8
761528	BOTHAMSALL NO.2	42.0	7.10	103676.		-2.1					97.5	61.1	39.2	85.7	-26.8
761540	BOTHAMSALL NO.3	40.0	7.20	18004.		-2.0					135.0	114.7	63.9		43.5
761541	BOTHAMSALL NO.3	43.0	6.80	70399.		-1.7					139.3	92.0	61.3	74.8	5.8
761423	BOTHAMSALL NO.19	42.0	6.10	96863.		-1.1					142.6	85.9	53.4	81.1	-4.1
811085	BOTTESFORD NO.1	.0	8.00	3497.		-3.1					144.1	208.8	90.9	65.2	252.8
811087	BOTTESFORD NO.2	.0	8.10	3608.		-3.1					140.9	177.2	89.0	59.2	168.7
811018	BOTTESFORD NO.3	.0	6.90	67420.		-2.5					145.9	115.3	79.7		40.4
811043	BOTTESFORD NO.3	.0	7.80	10009.		-2.8					174.6	163.7	108.2	75.1	118.3
811076	BOTTESFORD NO.4	.0	7.60	3923.		-2.6					107.7	136.4	55.3	60.1	97.8
73 187	BOULTHAM LINCOLN	.0	.00	2328.							45.1	128.6			129.1
68 125	THE BATH BRADWELL	12.4	7.20	1412.		-2.0					44.8	101.5	-.6		66.4
75 127	BRITISH GYPSUM NEWRK	15.2	7.18	335.		-1.9					32.1	199.2	-10.4		418.7
68 102	BUXTON SPA	27.5	7.50	406.	12.8	-2.1	-58.9	47.9	13.1	-.8	8.2	110.6	-26.8		123.5
761542	CALOW NO.1	46.0	7.60	3313.		-2.4					59.0	110.2	15.2		74.6
75 129	CASTLE BREWERY NEWRK	15.5	7.57	325.		-2.3					34.1	206.6	-4.6		453.6
811111	CAUNTON NO.2	.0	8.20	6598.		-3.4					112.2	178.6	71.3	156.0	196.4
811112	CAUNTON NO.3	.0	8.10	12339.		-3.3					218.9	184.4	153.5	88.0	140.5
811113	CAUNTON NO.4	.0	6.30	30674.		-1.9					151.3	119.2	73.3	63.3	45.1
75 275	CAUNTON PS	13.7	7.79	383.		-2.5					55.5	257.2	13.3		725.7
811086	CLAYPOLE NO.1	.0	7.90	8665.		-3.0					139.9	149.7	84.8	46.4	107.1
75 119	BP CORRINGHAM RD	15.9	7.57	743.		-2.4					31.5	177.7	-5.6		315.0
761518	CORRINGHAM NO.2	.0	6.60	103241.		-2.0					167.5	110.5	85.1	91.0	25.7
811045	CORRINGHAM NO.7	.0	7.30	99605.		-2.4					194.4	128.0	112.7	73.1	45.5
811046	CORRINGHAM NO.7	.0	6.10	111794.		-1.2					179.7	115.7	78.0	78.1	30.2
811047	CORRINGHAM NO.7	.0	5.90	103890.		-.9					178.1	116.1	70.7	75.0	31.4
811048	CORRINGHAM NO.7	.0	6.90	83727.		-2.0					198.8	134.8	105.0	75.9	55.4
811049	CORRINGHAM NO.7	.0	7.10	104165.		-2.2					183.6	119.3	99.5	83.5	34.8
811061	CORRINGHAM NO.7	.0	8.10	95289.		-3.7					181.2	122.1	133.9	90.9	40.0
761531	CROPWELL BUTLER NO.1	18.0	.00	2578.		.0					96.7	93.1	.0	51.6	
761533	CROPWELL BUTLER NO.1	37.0	8.60	6216.		-3.1					132.1	98.8	81.6	56.8	18.5
761532	CROPWELL BUTLER NO.1	40.0	7.40	3869.		-2.2					20.3	37.8	-16.7		-33.9
761391	DRAKELow POWER STFN	.0	7.70	3518.	7.1	-2.6	-74.0	28.8	-6.4	-18.7					
811078	EAGLE MOOR NO.1	.0	7.90	3044.		-2.9					93.8	135.3	48.3	84.2	104.5
761547	EAGLE MOOR NO.1	.0	7.90	10817.		-2.7					145.5	130.5	84.9	57.0	67.1
75 121	BP EGMANTON	13.9	7.58	357.		-2.2					45.8	279.2	3.3		1061.4

SK

SK

GEOTHERMOMETRY FORMULAE ARE THOSE SUGGESTED BY TRUESDELL (1975). IF MEASURED TEMP IS ABOVE 95DEG, THEN QZ TEMP IS ADIABATIC ELSE IS CONDUCTIVE. USE B=4/3 TEMP IF LESS THAN 100 DEG ELSE USE B=1/3 TEMP. IF MEASURED TEMP IS LESS THAN 75 DEG AND PCO2 IS LESS

SEQ NO	LOCALITY	MEASURED DATA				GEOTHERMOMETERS, IN DEG C										
		TEMP DEGC	PH	TDS MG/L	SI02 MG/L	LOG PC02	AMPHS	SILICA QZ	CHALC	CRIST	B=4/3	NA/K/CA B=1/3	PACES	MGCOR	NA/K B=0	
811114	EGMANTON NO.3	.0	7.80	12898.							74.9	72.1	33.7	69.9	-3.0	SK
811091	EGMANTON NO.20	.0	8.20	1783.												
811092	EGMANTON NO.20	.0	8.30	2810.												
811115	EGMANTON NO.22	.0	7.80	8738.												
811116	EGMANTON NO.36	.0	7.70	22310.												
75 114	EVERTON P.S NO.3	10.9	7.55	362.							109.9	102.0	62.5	49.8	31.7	
811002	FARLEYS WOOD	.0	6.20	128512.							191.9	134.9	116.4	74.4	57.8	
811032	FARLEYS WOOD NO.1	.0	8.40	7741.							16.7	174.9	-18.5		341.1	
811012	FARLEYS WOOD NO.3	.0	8.90	61482.							165.4	109.7	87.4		25.1	
811014	FAHNDON NO.2	.0	7.50	21092.							498.0	293.2	326.6	129.8	278.6	
68 101	FOUNTAIN BATH ADIT	19.7	7.77	695.	23.1	-2.4	-41.5	69.2	35.3	19.6	225.4	171.9	186.7	124.2	112.6	
811148	GATE BURTON NO.1 NCB	.0	.00	149700.							139.6	104.7	77.7	65.3	25.3	
811007	GAINSBOROUGH NO.1	.0	7.80	1702.							-6.1	87.7	-35.4		81.1	
75 118	GAINSBOROUGH NO.2	17.8	7.49	611.							140.7	92.0	.0	85.7		
811117	GAINSBOROUGH NO.2	.0	7.00	55252.							17.0	80.0	-10.5		42.4	
75 126	GAINSBOROUGH NO.3	18.1	7.25	464.							34.3	187.9	-5.4		354.4	
811118	GAINSBOROUGH NO.3	.0	5.90	97886.							152.9	98.6	75.3	80.7	11.7	
811119	GAINSBOROUGH NO.3	.0	6.50	85983.							38.1	196.3	-5.4		385.0	
75 116	GAINSBOROUGH NO.4	17.9	7.49	527.							140.7	100.8	58.7	85.5	18.8	
811120	GAINSBOROUGH NO.6	.0	6.80	87738.							152.2	94.5	67.9		5.9	
761445	GAINSBOROUGH NO.57	37.0	6.90	93091.							37.1	191.9	-3.3		366.0	
75 117	GAINSBORO LEA RD NO1	15.2	7.27	2356.							164.1	103.6	84.0	82.7	16.1	
761481	GLENTWORTH NO.1	44.0	6.70	77850.							167.0	122.0	85.8	73.6	44.3	
761482	GLENTWORTH NO.1	58.0	7.20	67653.							16.1	140.3	-22.2		202.4	
761483	GLENTWORTH NO.1	60.0	7.20	88569.							156.3	104.1	74.0	77.7	19.2	
761484	GLENTWORTH NO.1	60.0	7.10	75255.							184.0	123.8	93.4	97.5	41.9	
761485	GLENTWORTH NO.1	60.0	.00	103023.							192.7	130.3	97.4	81.8	49.8	
761475	GLENTWORTH NO.2	56.0	6.90	72357.							191.9	130.2	96.0	77.6	49.9	
761474	GLENTWORTH NO.3	46.0	6.90	83466.							190.5	126.4	.0	91.6		
761471	GLENTWORTH NO.5	49.0	.00	13481.							184.9	124.8	88.4	84.8	43.2	
761473	GLENTWORTH NO.5	39.0	.00	23262.							169.1	115.5	85.5	76.1	33.1	
761472	GLENTWORTH NO.5	50.0	8.00	73497.							126.8	123.9	.0	99.4		
811089	GRANBY NO.1	.0	8.00	3260.							50.9	38.9			-43.6	
71 267	GRANGE NO 2 B/H	.0	7.60	2352.							176.7	115.3	105.7	91.3	30.6	
761498	GROVE NO.1	49.0	7.70	21843.							122.2	136.7	72.1	46.0	90.2	
761499	GROVE NO.1	54.0	7.30	26474.							80.1	113.2	29.6	62.8	67.0	
761500	GROVE NO.1	56.0	6.90	28674.							136.6	107.2	70.3	81.0	30.3	
75 107	GROVE NO.2 RETFORD	13.2	7.65	331.							150.0	116.6	76.9	86.9	41.2	
75 125	GROVE NO.3 RETFORD	12.6	7.76	339.							117.8	98.6	46.4	83.0	23.1	
75 276	HALAM PS NO 1	11.4	8.25	217.							50.1	267.9	8.1		871.5	
811071	HARDSTOFT	.0	8.00	2952.							51.0	271.6	9.9		908.6	
811020	HARLEQUIN NO.1	.0	7.40	22820.							25.5	191.8	-2.3		399.8	
761520	HIGH MARNHAM NO.1	43.0	7.30	15586.							138.5	105.6	80.0	68.6	27.2	
761521	HIGH MARNHAM NO.1	.0	7.40	11891.							134.3	94.3	60.8	71.0	10.8	
761522	HIGH MARNHAM NO.1	49.0	7.50	14081.							106.0	86.6	48.7	72.0	8.2	
811066	HOCKERTON NO.2	.0	7.90	16851.							63.9	60.0	15.0		-17.5	
811029	HOCKERTON NO.2	.0	8.10	13524.							123.0	89.1	72.4	70.9	6.4	
811030	HOCKERTON NO.2	.0	8.10	7133.							144.7	109.9	89.8	75.3	32.0	
811031	HOCKERTON NO.2	.0	7.50	5882.							157.0	117.0	94.4	43.8	39.4	
811073	IRONVILLE NO.3	.0	7.60	1453.							124.5	134.2	58.3	34.0	84.0	SK
											28.3	64.5	-7.3		5.8	

SEQ NO	LOCALITY	MEASURED DATA					GEOTHERMOMETERS, IN DEG C								
		TEMP DEGC	PH	TDS MG/L	SI02 MG/L	LOG PC02	AMPHS	SILICA QZ	CHALC	CRIST	B=4/3	NA/K/CA B=1/3	PACES	MGCOR	NA/K B=0
811072	IRONVILLE NO.3	.0	8.00	6863.		-3.1					53.6	84.8	19.5		28.0
761537	IRONVILLE NO.4	27.0	8.00	15914.		-2.3					143.4	82.5	74.3		-9.2
811033	KIRKCLINGTON NO.1	.0	7.90	4897.		-2.6					150.1	133.5	84.9	52.4	70.7
811034	KIRKCLINGTON NO.1	.0	7.90	7356.		-2.7					153.3	128.1	89.8	60.0	59.7
811083	KIRKCLINGTON NO.1	.0	8.30	5996.		-3.0					155.6	134.2	98.4	48.5	69.8
761543	LANGAR NO.1	35.0	7.70	3453.		-2.2					97.7	129.1	41.2	57.5	88.7
761544	LANGAR NO.1	38.0	8.50	4508.		-3.3					98.1	141.6	58.3	65.7	115.4
761538	LANGAR NO.2	38.0	7.60	9330.		-2.5					110.9	105.6	55.6	100.2	37.6
761539	LANGAR NO.2	34.0	7.90	3881.		-2.6					106.6	153.6	53.6	56.3	137.1
811042	LANGAR NO.4	.0	7.80	4263.		-2.8					74.5	83.1	32.1		14.9
811094	LUNG BENNINGTON NO.1	.0	7.50	4441.		-2.8					152.5	227.7	90.6	70.1	304.8
811095	LUNG BENNINGTON NO.1	.0	7.90	3375.		-3.1					144.2	231.0	90.7	96.3	326.6
761546	MANSFIELD NO.1	53.0	7.30	3309.		-2.2					72.5	141.0	22.7		134.4
811037	MAPLEBECK NO.1	.0	8.10	5911.		-3.3					192.2	187.7	131.0	43.6	161.0
75 123	MARKHAM CLINTON NO 1	12.2	8.05	246.		-2.9					45.0	257.7	10.4		800.0
761392	MARMITE BURTON-TRENT	.0	.00	950.	6.2		-77.0	24.9	-10.3	-22.3	21.5	62.5			6.1
761393	MARMITE BURTON-TRENT	.0	.00	3215.	16.0		-52.5	55.7	21.2	6.7	69.5	87.1			24.1
71 275	MARSTON NO 1	.0	.00	1339.							51.4	115.8			92.4
68 131	MATLOCK BATH HOTEL.	19.8	7.35	646.		-2.0					-3.9	90.9	-37.2		86.5
68 126	MATLOCK SPRING	17.4	7.35	620.		-2.0					-4.7	96.5	-37.9		101.8
761440	MORTON NO.1	52.0	7.10	84760.		-1.8					206.8	132.0	106.5	83.3	48.4
761439	MORTON NO.1	53.0	8.10	17844.		-2.3					197.7	154.9	111.9	73.9	91.0
75 109	NEWTON NO.2 BH	17.8	7.50	372.		-2.3					33.4	202.4	-5.9		432.2
75 110	NEWTON NO.3 BH	17.3	7.68	361.		-2.5					34.8	209.1	-2.6		466.0
811017	NORMANTON NO.3	.0	7.90	9181.		-2.7					254.3	192.3	161.8	78.4	141.8
811015	NORMANTON NO.4	.0	8.00	9530.		-3.0					267.7	206.9	179.7	92.2	166.8
811038	NORMANTON NO.4	.0	8.10	11023.		-3.1					277.1	211.1	188.3	118.8	171.9
811041	NORMANTON NO.4	.0	8.10	6330.		-3.1					200.7	201.6	133.6	64.1	188.8
75 277	OMPTON PS NO 2	10.5	7.83	271.		-2.7					24.0	160.8	-8.6		262.1
75 124	ORUSALL NO 1 RETFORD	10.8	8.23	254.		-3.2					31.0	184.8	3.0		348.4
811121	PLUNGAR NO.1	.0	7.50	4155.		-2.8					101.6	163.3	53.4	101.8	165.2
811122	PLUNGAR NO.1	.0	7.30	22635.		-2.6					113.1	98.7	57.7	92.1	25.1
811088	PLUNGAR NO.1	.0	7.90	4822.		-2.9					100.4	131.1	54.5	58.2	91.3
811075	PLUNGAR NO.2	.0	7.70	3921.		-3.1					77.4	125.1	38.8		93.6
811068	PLUNGAR NO.4	.0	7.90	3863.		-2.7					60.0	80.6	19.9		17.5
811123	PLUNGAR NO.7	.0	7.80	6968.		-2.8					139.3	128.0	81.6	65.4	65.2
75 112	RAMPTON HOSPITAL	14.4	7.66	313.		-2.5					36.9	217.1	-.8		508.0
761427	RANSKILL NO.1	47.6	8.40	5555.		-2.5					128.1	91.2	67.1		8.0
761470	REDMILE NO.1	38.0	7.40	10595.		-2.2					108.3	115.7	49.1	72.4	56.7
761469	REDMILE NO.1	38.0	7.40	6428.		-2.1					88.4	97.4	32.0	74.2	33.2
761468	REDMILE NO.1	35.0	7.80	4162.		-2.4					70.4	77.3	24.4	63.5	7.1
811008	ROLLESTON G2	.0	8.00	20452.		-3.1					251.9	191.6	169.8	40.9	141.2
811044	ROLLESTON NO.2	.0	8.10	10146.		-2.7					204.8	164.5	127.0	64.8	106.4
811058	SOUTH LEVERTON NO.1	.0	7.20	27316.		-2.3					151.8	113.8	81.2	93.2	36.0
761501	SOUTH LEVERTON NO.1	58.0	7.50	28244.		-2.1					138.4	100.6	67.6	88.5	19.3
761502	SOUTH LEVERTON NO.1	53.0	.00	12263.		.0					123.5	90.0	.0	66.7	
761503	SOUTH LEVERTON NO.1	60.0	7.30	51051.		-1.9					141.6	106.4	67.2	85.0	27.4
75 111	SOUTH SCARLE	20.4	7.48	414.		-2.2					32.8	191.6	-6.8		376.5
811063	SPIITAL NO.1	.0	7.10	99031.		-2.4					259.9	165.3	154.6	23.0	88.8
68 103	STONEY MIDDLETON	17.7	7.77	650.	9.0	-2.4	-68.2	36.2	1.1	-11.8	13.0	93.0	-19.9		73.9

SK

SK

GEOTHERMOMETRY FORMULAE ARE THOSE SUGGESTED BY TRUESDELL (1975). IF MEASURED TEMP IS ABOVE 95DEG, THEN QZ TEMP IS ADIABATIC ELSE IS CONDUCTIVE. USE B=4/3 TEMP IF LESS THAN 100 DEG ELSE USE B=1/3 TEMP. IF MEASURED TEMP IS LESS THAN 75 DEG AND PC02 IS LESS

8B

SEQ NO	LOCALITY	MEASURED DATA				GEOTHERMOMETERS, IN DEG C										NA/K B=0
		TEMP DEGC	PH	TDS MG/L	SI02 MG/L	LOG PC02	AMPHS	SILICA			NA/K/CA			MGCOR1		
							QZ	CHALC	CRIST	B=4/3	B=1/3	PACES				
811027	SUTTON-ON-TRENT NO.3	.0	7.50	14248.		-2.4				133.8	101.9	70.3	84.5	22.9	SK	
811077	SUTTON-ON-TRENT NO.3	.0	7.80	8655.		-2.8				66.4	79.0	26.5		11.7		
811000	TICKHILL NO.1	.0	5.80	218616.		-2.0				130.7	80.3	60.0		-9.0		
761466	TORKSEY NO.1	52.6	6.90	75766.		-1.7				164.7	117.6	78.5	99.0	37.9		
761467	TORKSEY NO.1	55.0	7.70	37291.		-2.9				165.4	131.5	101.8	101.8	61.1		
811053	TORKSEY NO.2	.0	7.80	26760.		-2.8				152.1	115.0	91.2	70.4	37.9		
811054	TORKSEY NO.2	.0	7.20	64352.		-2.3				141.7	104.8	73.1	85.4	24.8		
811055	TORKSEY NO.2	.0	6.40	120006.		-1.8				158.0	106.5	75.7	87.8	22.3		
811145	TORKSEY NO.4	.0	11.00	38209.		-4.4				261.3	114.6	219.9	81.3	10.1		
811146	TORKSEY NO.4	.0	7.40	41182.		-8				238.7	131.9	102.3	57.6	39.8		
811144	TORKSEY NO.4	.0	9.70	32212.		-3.3				354.1	166.9	249.4	156.9	69.1		
811143	TORKSEY NO.4	.0	10.10	29861.		-3.6				290.9	143.8	217.2	136.0	46.3		
811001	TUXFORD NO.1	.0	11.40	75832.		-6.6				188.7	148.2	233.5		82.2		
811028	TUXFORD NO.1	.0	7.80	13424.		-2.7				129.5	109.9	72.1		37.5		
761519	WALKERINGHAM NO.1	54.0	5.80	118480.		-9				158.1	113.4	59.2	103.9	33.2		
761458	WALKERINGHAM NO.2	53.0	6.50	134073.		-1.6				163.1	106.9	74.6	95.1	21.4		
811009	WEST DRAYTON NO.2	.0	8.10	12051.		-2.9				82.6	65.9	40.1	69.8	-15.3		
811011	WEST DRAYTON NO.2	.0	7.80	35627.		-2.8				158.3	114.5	95.0	69.6	34.9		
75 122	WHISKER HILL RETFORD	11.0	8.08	216.		-3.1				16.4	168.9	-10.2		313.5		
811019	WIDMERPOOL NO.1	.0	7.90	16976.		-2.4				192.5	165.2	110.2	46.8	113.0		
811016	WINKBURN NO.1	.0	7.90	16313.		-3.6				224.2	184.5	164.1	67.7	138.2		
811147	WYKEHAM NO.1	.0	6.60	176437.		-1.7										
811021	WYSALL NO.1	.0	7.90	13127.		-2.7				111.4	89.2	59.2	47.3	10.4		
811022	WYSALL NO.3	.0	7.60	17298.		-2.6				154.2	130.9	88.6	57.2	64.3	SK	
771097	AMMANFORD WIGAN SEAM	.0	8.50	1134.		-2.8				231.3	183.0	147.6	127.2	132.1	SN	
771112	BRYNLLIW	.0	8.10	541.		-2.8				174.1	190.2	105.8	21.9	177.8		
771102	CWMGWILLI STANLLYD SM	.0	8.70	1840.		-2.7				234.8	194.3	148.4	101.3	154.2		
67 110	LLANWRTYD WELLS	.0	.00	1155.	19.0		-47.5	61.9	27.6	12.6	88.3	131.8		100.6		
771103	CYNHEIDRE 4<U6 SEAMS	.0	9.10	3180.		-3.0				239.5	162.3	159.6	110.6	89.9		
771106	MAHUY SGORLLWYN	.0	8.90	460.		-3.5				145.6	155.4	101.5	69.3	116.0	SN	
771110	TREFORGAN SRED VEINI	.0	8.50	1058.		-2.8				171.7	148.9	105.1	95.7	90.3		
761290	ALTON BREWERY ROSS	.0	7.35	284.	3.4	-2.4	-89.7	8.4	-26.8	-37.6	33.3	221.2	-4.3	552.1	SO	
761300	BEANS IND LTD TIPTON	.0	.00	1257.	7.9	.0	-71.3	32.2	-2.9	-15.5						
771113	BLAENSERCHAN SGARWI	.0	7.80	237.		-2.8				61.4	188.7	21.7		297.3		
761373	COPLEY B/H STAFFS	.0	.00	3014.						49.7	113.0			87.6		
71 519	COPLEY B/H STAFFS	11.0	7.45	689.		-2.2				55.2	129.4	9.6		121.4		
761295	G.W.R.STOURBRIDGE	.0	.00	2299.		.0										
71 488	HILTON P/S NO 1	12.6	7.42	458.		-2.1				41.2	183.3	-1.2		316.7		
79 478	KEMPSEY NO.1 WORCS.	.0	8.05	5970.	51.3	.0	-12.7	103.4	71.9	52.9	147.5	155.1	59.0	114.3		
79 195	KEMPSEY NO.1 WORCS.	.0	7.73	26146.	13.3	-3.2	-57.3	49.9	15.1	1.1	153.8	133.4	99.7	66.9	69.0	
67 176	LLANDRINDOD WELLS	.0	.00	3299.	72.7		2.0	120.3	90.4	69.7	4.3	21.1		-52.0		
67 177	LLANDRINDOD WELLS	.0	.00	1913.	25.0		-38.9	72.4	38.6	22.6	58.3	96.2		46.8		
67 180	LLANDRINDOD WELLS	.0	.00	5377.	126.2		29.3	150.8	124.6	100.4	61.0	79.5		15.0		
761292	LONGMORE HILL ASTLEY	.0	7.40	249.	12.0	-2.5	-60.8	45.5	10.6	-3.0						
761296	L PENN WWS WOMBOURN	.0	.00	359.	8.6		-69.4	34.6	-.5	-13.3	54.2	208.5		401.3		
761297	L PENN WWS WOMBOURN	.0	.00	216.	8.6		-69.4	34.6	-.5	-13.3	16.8	177.4		352.7		
771107	MARINE SOLD COALI	.0	8.40	2126.		-2.4				227.7	200.2	134.5	48.8	170.6		
771115	MARINE SUPPER 9FTI	.0	8.30	1854.		-2.5				225.9	222.6	134.6	79.5	225.8		
761302	NORTON STOURBRIDGE	.0	7.50	166.	13.9	-3.0	-56.7	50.6	15.9	1.8	12.0	166.3	-14.9	313.5	SO	
761293	RED HILL BURE UPTON	.0	.00	1337.	17.3	.0	-50.3	58.4	24.0	9.3	121.4	169.2	65.7	163.7		

SEQ NO	LOCALITY	TEMP DEGC	MEASURED DATA				GEOTHERMOMETERS, IN DEG C										NA/K B=0	
			PH	TUS MG/L	SI02 MG/L	LOG PCO2	AMPHS	SILICA			NA/K/CA			MGCOR				
							QZ	CHALC	CRIST	B=4/3	B=1/3	PACES						
761294	RED HILL BORE UPTON	18.9	.00	1147.	18.6		-48.2	61.0	26.7	11.8	16.7	36.9				-33.7		
771117	ROSE HEYWORTH SGARW1	.0	8.10	943.			-2.5				163.6	220.0	92.3			267.8	SO	
71 496	ROUGHTON H/H STAFFS	10.9	7.33	368.			-2.2				13.9	163.5	-21.6			296.2		
771118	SIX BELLS SOLD COALI	.0	7.10	547.			-1.8				126.9	252.0	55.4	43.9		442.7		
761289	ST ANNES LYDNEY	.0	7.80	233.	9.0		-2.8	-68.2	36.2	1.1	-11.8							
71 493	STABLEFORD NO 1	13.8	7.51	1088.			-2.3				47.9	106.6	5.7			75.0	SO	
761395	BIRMINGHAM RACECOURS	.0	8.10	287.	18.0		-3.4	-49.3	59.7	25.3	10.5	19.7	136.1	-4.0		182.6		
761013	BRWRY NO 7 SMETHWICK	.0	.00	54.			.0										SP	
761477	STOW ON THE WOLD 1	.0	7.70	1497.			-3.2				39.1	77.4	9.8			22.7		
771100	COEGNANT SBUTE SEAM1	.0	8.80	1750.			-3.0				306.0	195.2	203.3	58.4		129.3		
771105	FFALDAU SGGDI	.0	8.30	1610.			-2.5				332.2	214.5	205.9	101.1		158.8	SS	
771111	WYNDHAM/WESTERN	.0	8.60	2968.			-2.5				339.4	211.6	208.5	24.7		150.6		
761283	ALDRLY P/S MNKS MILL	.0	7.30	392.	13.9		-2.2	-56.7	50.6	15.9	1.8	10.8	172.6	-23.5		347.2	ST	
67 101	BATHEASTON SHAFT	.0	.00	2893.	7.9		.0	-71.2	32.3	-2.9	-15.5	93.8	149.4		67.4	136.9		
67 156	BATH KINGS SPRING	48.0	7.10	2148.	44.1		-1.7	-18.9	96.2	64.1	45.8	56.1	150.6	3.9		177.0		
771098	BEUWAS YARD+7 SEAM	.0	8.00	906.			-2.4				152.1	149.7	82.8	69.0		100.9		
761284	HLAISE NO 1 HENBURY	.0	7.20	350.	9.2		-2.1	-67.6	36.9	1.8	-11.1	7.6	125.7	-26.8		168.6		
771099	BRITANNIA 7FT SEAM	.0	9.20	3011.			-3.1				360.6	240.9	244.3	54.0		204.6		
771101	CWM COEDEL YARD SM.	.0	8.80	3392.			-2.6				238.7	163.4	146.9	57.0		92.1		
771104	DEEP DUFFRYN SGGD SM	.0	9.00	5068.			-2.7				280.6	183.6	176.9	123.7		115.5		
761285	FRAMPTON P/S	.0	7.40	426.	13.9		-2.3	-56.7	50.6	15.9	1.8							
761286	FRAMPTON P/S	.0	7.50	446.	13.9		-2.4	-56.7	50.6	15.9	1.8	64.8	163.6	19.2		205.0		
771114	GLYNTILLERY BRITHDIR	.0	8.10	419.			-2.8				17.5	198.1	-12.2			466.0		
771108	OAKDALE SYARD+7FT1	.0	8.50	957.			-2.9				232.5	224.2	149.7	88.1		225.8		
771109	PENRIKYBER 7FT	.0	8.80	3510.			-2.6				256.8	179.1	158.8	110.0		114.9		
761288	SHIPTON MOYNE	.0	.00	485.			.0											
761287	SHIPTON MOYNE B/H 3	.0	.00	428.			.0										ST	
761382	AGWI PETROL FAWLEY	.0	7.60	237.	6.0		-2.9	-77.8	23.9	-11.4	-23.3						SU	
761016	AGWI PETROL FAWLEY	.0	7.60	297.	4.9		-2.6	-82.2	18.2	-17.0	-28.5							
761017	AGWI PETROL FAWLEY	.0	8.00	128.	7.7		-2.0	-72.0	31.4	-3.8	-16.3	52.7	195.0			341.5		
771083	BOXALLS LANE NO.16	25.0	7.90	334.	10.1		-2.7	-65.3	39.8	4.7	-8.4	94.3	151.4	46.7	80.5	141.4		
761388	BRICKWOODS BREWERY	.0	.00	1224.			.0											
761398	CHIEVELEY NEWBURY	.0	7.30	354.			-2.2											
761397	DIDCOT ORDNNC DPT	.0	.00	10786.	55.0		.0	-9.8	106.9	75.6	56.3							
761381	EXBURY HANTS	.0	7.80	227.	9.8		-3.1	-65.9	39.1	4.0	-9.1							
73 478	FAIRCROSS B/H	13.5	8.22	2170.			-2.8				136.0	138.0	78.1			85.6		
73 561	FAIRCROSS B/H	15.5	.00	1911.			.0				135.2	113.3	.0	43.1				
73 589	FAIRCROSS B/H	16.5	.00	2116.			.0				159.2	127.8	.0	26.9				
73 608	FAIRCROSS B/H	17.0	8.39	3607.			-2.9				300.4	236.1	197.1	77.7		218.5		
761523	FORDINGBRIDGE NO.1	19.6	8.80	1603.			-3.1				63.9	81.9	27.9			17.8		
761524	FORDINGBRIDGE NO.1	.0	7.70	20084.			-2.7				87.1	49.0	40.5	45.6		-40.5		
761525	FORDINGBRIDGE NO.1	.0	7.50	60228.			-2.6				149.6	87.7	85.5	76.3		-3.3		
771081	GRAMPS HILL	.0	9.47	184.	30.2			-32.7	79.8	46.5	29.8	90.3	130.8			97.1		
771085	GREATHAM NO.2	.0	7.70	272.	15.8		-2.6	-53.0	55.2	20.6	6.1	18.7	198.9	-14.0		466.0		
761399	FUGNAM FM LAMBOURNE	.0	7.30	174.	16.9			-51.1	57.5	23.0	8.4	33.1	124.7			131.8		
81 923	MARCHWOOD TEST	72.5	6.75	103446.	33.2		-1.6	-25.5	88.4	55.6	38.2	227.4	139.3	115.7	78.7	54.4	SU	
771086	OAKHANGER NO.4	.0	7.80	217.	9.6		-2.8	-66.5	38.4	3.3	-9.8	23.2	185.4	-8.2		373.7		
761377	OTTERBOURNE SIHMPTN	.0	7.20	279.			-2.2											
761378	OTTERBOURNE SIHMPTN	.0	7.20	251.			-2.2											
761380	OTTERBOURNE SIHMPTN	.0	7.20	274.			-2.2											

10 B

GEOTHERMOMETRY FORMULAE ARE THOSE SUGGESTED BY TRUESDELL (1975). IF MEASURED TEMP IS ABOVE 95DEG, THEN QZ TEMP IS ADIABATIC ELSE IS CONDUCTIVE. USE B=4/3 TEMP IF LESS THAN 100 DEG ELSE USE B=1/3 TEMP. IF MEASURED TEMP IS LESS THAN 75 DEG AND PCO2 IS LESS

SEQ NO	LOCALITY	TEMP DEGC	MEASURED DATA				GEOTHERMOMETERS, IN DEG C							NA/K/CA PACES	MGCOR	NA/K B=0	
			PH	TDS MG/L	SI02 MG/L	LOG PC02	AMPHS	SILICA QZ	CHALC	CRIST	B=4/3	B=1/3					
761375	OTTERBOURNE STHMPIN	.0	.00	406.	32.9	.0	-29.7	83.5	50.4	33.4							
761376	OTTERBOURNE STHMPIN	.0	7.10	286.		-2.1											
761549	PORTSDOWN NO.2	.0	8.30	907.		-3.1					143.7	175.0	91.3	70.5	161.5		SU
761550	PORTSDOWN NO.2	.0	8.50	2495.		-3.1					177.3	141.6	116.4	76.0	74.5		
761551	PORTSDOWN NO.2	.0	7.90	7058.		-2.8					152.9	125.2	92.3	101.4	54.8		
761552	PORTSDOWN NO.2	.0	7.90	14257.		-3.0					142.2	108.9	87.2	40.1	31.3		
761553	PORTSDOWN NO.2	.0	7.70	15101.		-2.4					174.2	135.5	97.9	78.0	64.8		
771080	RIDGEWAY DOWN	11.0	9.90	531.	28.4	-4.4	-34.7	77.5	44.0	27.5	133.6	151.9	110.0	91.8	115.5		
771082	SANDPOOL FARM	12.0	7.86	502.	7.1	-2.5	-74.0	28.7	-6.5	-18.8	41.0	97.7	3.0		61.2		
761534	SHALFORD NO 1	35.0	6.60	117009.		-1.3					146.5	87.7	59.8	81.3	-2.6		
761535	SHALFORD NO.1	52.0	.00	92408.		.0					132.3	75.6	.0	54.1			
79 166	SHREWTON BRIDPORT 2	.0	.00	80160.	3.4	.0	-88.1	10.6	-24.6	-35.6	165.4	112.7		55.5	29.8		
771079	SLOUGH ESTATES NO.11	.0	8.10	488.	7.1	-2.8	-74.0	28.7	-6.5	-18.8	71.0	128.2	29.9		105.1		
761383	STANBRIDGE MILL BH 3	.0	7.39	223.	7.9	-2.5	-71.3	32.2	-3.0	-15.5	-10.9	117.4	-38.5		173.5		
761396	SWINDON G.W.R.	17.7	.00	29780.		.0					162.4	115.6	.0	45.1			
771087	TILFORD NO.1	.0	7.80	224.	11.3	-2.8	-62.2	43.7	8.8	-4.7	7.9	162.7	-20.6		308.2		
771088	TILFORD NO.2	.0	7.40	220.	9.6	-2.4	-66.5	38.4	3.3	-9.8	9.1	157.6	-23.4		282.9		
771084	TONGHAM NO.2	25.0	8.00	343.	9.8	-2.8	-65.9	39.1	4.0	-9.1	93.6	152.4	47.6	85.3	144.5		
761514	WINCHESTER NO.1	48.0	6.50	67113.		-1.3					149.0	99.3	60.9	74.9	13.9		
761515	WINCHESTER NO.1	.0	7.30	16501.		-1.7					122.1	91.4	49.3		10.2		
761401	WOODS FM STREATLEY	10.7	7.05	120.	9.8		-65.9	39.1	4.0	-9.1	-5.4	163.8			355.3		
771089	WOODGARSTON NO.2	.0	7.30	424.	12.6	-2.0	-59.3	47.3	12.5	-1.3	-15.3	125.0	-45.9		209.5		
761385	YARBROOK LAVANT BH 1	.0	7.20	291.	10.1	-2.2	-65.3	39.8	4.7	-8.4	-7.9	120.3	-38.2		177.8		
761386	YARBROOK LAVANT BH 2	.0	7.20	295.	7.9	-2.2	-71.3	32.2	-2.9	-15.5	-6.7	118.3	-37.4		169.0		
761387	YARBROOK LAVANT BH 3	.0	7.40	281.	7.9	-2.4	-71.3	32.2	-2.9	-15.5	-7.7	123.4	-36.6		187.8		
81 218	YARNBURY NO.1	.0	7.12	69060.	9.2	-2.5	-65.8	39.2	4.2	-9.0	151.8	105.0	84.0	58.9	21.9		SU
761005	PENDRVES MN CAMBORNE	19.0	7.80	248.	42.8	-3.2	-20.1	94.8	62.5	44.4	28.7	152.1	1.5		221.1		SW
761006	PENDRVES MN CAMBORNE	19.0	8.00	222.	29.9	-3.6	-33.0	79.5	46.2	29.5	35.0	163.5	10.7		250.3		
761007	PENDRVES MN CAMBORNE	19.0	8.00	201.	47.1	-3.5	-16.4	99.1	67.2	48.7	33.5	178.5	8.6		313.5		
761000	S CROFTY MN CAMBORNE	42.0	7.10	5532.	32.1	-2.0	-30.4	82.6	49.5	32.5	110.3	148.3	47.0	133.6	122.2		
761001	S CROFTY MN CAMBORNE	30.0	6.80	1934.	21.4	-2.5	-43.9	66.3	32.2	16.8	73.1	149.0	27.4		154.2		
761002	S CROFTY MN CAMBORNE	38.0	7.80	2819.	27.8	-3.0	-35.4	76.6	43.1	26.7	94.6	142.9	50.9		120.9		
761003	S CROFTY MN CAMBORNE	32.0	7.80	729.	21.4	-2.9	-44.0	66.3	32.2	16.7	57.9	148.5	21.3		169.0		
761004	S CROFTY MN CAMBORNE	41.0	7.30	17481.	34.2	-2.8	-27.7	85.8	52.9	35.7	136.3	154.4	79.8	149.7	119.2		
761008	WHEAL JANE ST DAY	16.0	3.90	216.	10.7		-63.7	41.8	6.8	-6.5	12.4	134.0			187.8		
761009	WHEAL JANE ST DAY	16.0	3.00	4468.	19.3	.0	-47.1	62.4	28.2	13.1	109.7	153.9		137.3	135.6		SW
761513	BERE REGIS NO.1	45.0	7.30	84356.		-2.3					158.5	78.7	85.4	50.2	-18.1		SY
761441	ENCOMBE NO.1	.0	8.00	30584.		-2.6					172.6	94.2	101.0	41.1	.2		
761442	ENCOMBE NO.1	29.0	7.50	93843.		-2.3					193.9	98.3	109.0		1.1		
761495	KIMMERIDGE NO.2	28.0	7.40	40606.		-2.1					173.7	105.1	92.6	45.4	15.8		
761496	KIMMERIDGE NO.2	37.0	7.10	47789.		-1.7					252.1	152.3	130.9	63.4	69.0		
761497	KIMMERIDGE NO.2	36.0	.00	67344.							132.7	75.2			-16.7		
761506	KIMMERIDGE NO.3	34.0	.00	21196.		.0					87.8	46.1	.0	45.5			
761507	KIMMERIDGE NO.3	48.0	5.70	131811.		-.6					163.2	100.3	56.6	68.2	11.4		
761508	KIMMERIDGE NO.3	49.0	7.00	102151.		-2.1					150.0	93.7	74.9	79.0	5.2		
761509	KIMMERIDGE NO.3	.0	7.00	86129.		-2.5					147.6	92.4	82.6	77.2	3.9		
761510	KIMMERIDGE NO.3	.0	9.20	125334.		-4.7					152.6	92.8	134.1	73.1	3.3		
761511	KIMMERIDGE NO.3	.0	6.60	102162.		-2.2					153.1	95.4	79.5	88.5	6.9		
761512	KIMMERIDGE NO.3	.0	6.00	143511.		-1.4					160.8	96.7	69.9	78.6	6.8		
761431	LANGTON HERRING NO.1	20.0	7.70	67499.		-2.5					180.3	101.7	105.6		9.0		SY

SEQ NO	LOCALITY	MEASURED DATA					GEOTHERMOMETERS, IN DEG C										NA/K B=0	
		TEMP DEGC	PH	TDS MG/L	SI02 MG/L	LOG PC02	AMPHS	SILICA			NA/K/CA			MGCOR				
							QZ	CHALC	CRIST	B=4/3	B=1/3	PACES						
771125	LULWORTH BANKS NO.1	.0	7.70	95654.		-2.5				181.3	106.8	106.4	34.0	16.2		SY		
761446	WAREHAM NO.1	34.7	7.00	94533.		-2.2				187.0	95.7	102.9	39.1	-1.1				
761447	WAREHAM NO.1	48.7	7.10	94041.		-2.0				203.4	112.6	108.6	64.0	19.3				
761448	WAREHAM NO.1	.0	6.80	207089.		-2.3				293.1	139.5	174.2	79.1	39.5				
761443	WAREHAM NO.2	36.0	7.20	97852.		-2.3				200.8	104.2	114.9	44.8	7.7		SY		
761444	WAREHAM NO.2	55.0	7.10	109692.		-2.0				211.0	113.4	114.2	60.8	18.7				
67 165	SANDROCK I.O.W.	.0	.00	7142.	92.0		13.1	132.9	104.4	82.3	69.9	157.1		179.6		SZ		
811093	FORDON NO.1	.0	7.20	158695.		-2.6				279.8	157.4	175.6	106.7	70.1		TA		
811026	FORDON NO.1	.0	6.90	291422.		-2.4				350.1	164.4	210.4	97.0	66.0				
811138	FORDON NO.2	.0	6.20	270903.		-1.2				240.4	138.6	112.5	93.9	49.8				
761178	HUNMANBY NO 1 YORKS	50.0	5.30	238154.		.0												
761177	HUNMANBY NO 1 YORKS	73.0	5.70	173800.		.0												
761175	HUNMANBY NO 1 YORKS	.0	7.90	237416.		.0												
811142	RISBY NO.1	.0	6.90	258900.		-2.0				395.3	245.1	225.0	96.9	201.8				
761459	TETNEY LOCK NO.1	61.0	8.40	103065.		-3.3				175.8	112.9	119.8		27.0		TA		
761432	HARDNEY NO.1	56.0	7.20	32900.		-1.8				188.4	150.2	94.2	69.3	85.9		TF		
811070	BLANKNEY NO.2	.0	7.90	9132.		-3.3				179.1	176.1	122.1	105.8	142.3				
811062	BLANKNEY NO.2	.0	8.10	11237.		-3.0				205.6	211.9	133.2	57.6	211.4				
761476	GLINTON NO.1	24.0	8.30	6360.		-3.2				90.9	86.3	52.2	46.5	13.3				
811139	HELPRINGHAM NO.1	.0	6.70	12540.		-2.9				108.4	125.7	60.5	64.9	75.8				
811152	NETTLETON	.0	11.30	130254.		-6.5												
811005	NUCTON NO.2	.0	8.20	10072.		-3.1				151.7	147.8	96.3	41.9	97.4				
811081	NUCTON NO.2	.0	7.30	10253.		-2.2				175.4	167.5	95.7	54.2	125.8				
811080	NUCTON NO.4	.0	8.30	10989.		-3.1				221.6	221.8	148.8	61.6	226.5				
811082	NUCTON SOUTH NO.1	.0	.00	12157.		.0				149.7	144.9	.0	55.1					
811004	RUSKINGTON NO.1	.0	7.10	20752.		-2.4				128.5	120.6	66.0	75.7	56.5				
811003	RUSKINGTON NO.1	.0	7.30	11924.		-2.3				122.1	116.1	59.1	73.7	51.1				
811074	RUSKINGTON NO.1	.0	7.60	13619.		-2.2				136.7	123.9	68.1	32.5	59.0				
67 194	WOODHALL SPA LINGS	.0	.00	22171.	16.9	.0	-50.5	58.3	23.9	9.1	124.0	84.0		33.4	-1.7	TF		
761389	BEESTON REGIS NRFLK	.0	6.90	457.		-1.6												
74 486	TRUNCH B/H	12.5	7.00	6655.						176.6	149.9			90.2		TG		
74 513	TRUNCH B/H	.0	.00	7116.						215.8	158.9			91.7				
74 530	TRUNCH B/H	.0	.00	10796.						227.0	154.8			80.6				
74 547	TRUNCH B/H	19.5	7.00	35287.						227.1	152.3			76.2				
74 552	TRUNCH B/H	.0	.00	33224.						227.3	154.4			79.8				
74 561	TRUNCH B/H	.0	.00	10242.		.0				193.7	151.8	.0	26.6					
761390	POCKTHORPE BRWRY NRW	.0	7.10	312.						38.7	174.6			286.2				
761024	SOMERTON NO1 NORFOLK	.0	7.10	52520.		-2.1				168.1	122.0	87.4	57.0	43.9				
761025	SOMERTON NO1 NORFOLK	.0	6.50	75870.		-1.7				174.9	121.7	84.6	57.6	41.2				
761026	SOMERTON NO1 NORFOLK	.0	7.55	22870.		-3.0				161.1	107.0	102.1	27.8	22.2		TG		
771078	LAPORTES LUTON	14.0	7.10	347.	16.5	-1.8	-51.9	56.6	22.1	7.5	31.4	203.9	-12.1	447.4		TL		
771077	WHITBREADS BY LUTON	.0	7.10	289.	22.9	-2.0	-41.9	68.8	34.9	19.2	30.9	198.7	-10.7	419.7				
761014	CARPNTRS RD WEST HAM	.0	.00	638.	18.4	.0	-48.6	60.6	26.3	11.3								
761516	CLIFFE NO.1	23.0	8.50	2190.		-3.1				121.5	115.4	73.2	26.9	50.2		TQ		
761384	HARHAM SUSSEX	.0	7.20	235.	16.0	-2.3	-52.6	55.6	21.1	6.6	71.5	139.3	23.4	131.0				
761018	RUSHENDEN P/S SHEPEY	.0	7.00	754.	19.9	-1.6	-46.2	63.5	29.3	14.1	66.2	226.9	9.8	464.4				
811154	SOMPTING SUSSEX	21.4	6.60	117.	27.4	-1.8	-36.0	75.9	42.3	26.0	40.4	196.8	-5.7	381.1		TQ		
761015	FAVERSHAM STN KENT	.0	.00	180.	11.3	.0	-62.2	43.7	8.8	-4.7								

GEOTHERMOMETRY FORMULAE ARE THOSE SUGGESTED BY TRUESDELL(1975). IF MEASURED TEMP IS ABOVE 95DEG, THEN QZ TEMP IS ADIABATIC ELSE IS CONDUCTIVE. USE B=4/3 TEMP IF LESS THAN 100 DEG ELSE USE B=1/3 TEMP. IF MEASURED TEMP IS LESS THAN 75 DEG AND PC02 IS LESS NEGATIVE THAN -4 THEN CONSIDER PACES(1975) CORRECTION ON B=4/3 TEMP. MGCOR IS MG-CORRECTED NA/K/CA TEMP, REFER TO FOURNIER & POTTER(1979)