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Uranium, Thorium and Potassium Concentrations and heat generated
in samples of crustal rocks: A data file

by T.J. Lewis*, H. Bennetts*, V.S. Allen+ and F. Chan*

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Abstract:

Gamma-ray spectroscopy has been used to measure the concentrations of uranium, thorium and potassium of many samples representing crustal rocks. The heat generation, calculated from the measured concentrations, ranges typically over an order of magnitude from 0.5 to $5.\mu\text{W}/\text{m}^3$. This data file presents these results with the location of the samples and other pertinent data.

Résumé

Des chercheurs ont utilisé la spectroscopie gamma pour mesurer les concentrations en uranium, en thorium et en potassium de nombreux échantillons prélevés dans la croûte terrestre. La production de chaleur, calculée d'après les concentrations mesurées, varie généralement de 0,5 à $5\mu\text{W}/\text{m}^3$. Ce fichier de données présente les résultats de cette analyse, en indiquant les lieux de prélèvement des échantillons et d'autres données pertinentes.

Introduction

The purpose of this open file is to make available a large amount of valuable data: the concentrations of the major naturally occurring, long-lived radioactive isotopes, uranium, thorium and potassium in samples which in many cases are thought to represent large volumes of the upper crust. The original reason for the measurements was to obtain representative values of heat generation in the crust for geothermal studies in Canada. Obviously weathered surficial samples have been avoided, except for studies not reported here. Many samples of sedimentary and volcanic rocks are included, in order that the heat produced in surface layers or basins might be calculated.

These data are needed to construct thermal models of the crust which are used for many purposes. For example, calculated crustal temperatures determine the crustal properties at depth and thus constrain all tectonic processes. Also the amount of heat generated in sediments affect the temperatures in sedimentary basins controlling the degree of maturation of hydrocarbons (Keen and Lewis, 1982).

Some references to Canadian measurements of uranium, thorium and potassium concentrations thought to represent crustal values are listed separately under references. The many measurements associated with volcanics and with ores and their source rocks are purposely omitted. A much larger amount of data exists for Canada from airborne gamma-ray measurements (e.g. Darnley et al., 1970, or Grasty et al., 1983), but this data represents the natural radiation background which is only indirectly related to the crust's radioactivity.

. Data Acquisition

Gamma-ray spectra from the powdered rock samples have been acquired using solid state, Ge(Li), detectors. The method of acquisition and analysis was originally described by Lewis (1974). Since then a smaller, constant sample size of 330 g has been adopted, and, consequently constant self absorption and absorption of background.

The equipment now in use consists of two detectors with efficiencies of 13 to 16% and resolutions at 1.33 Mev of 1.8 to 1.9 kev (FWHM), an EGG-Ortec Model 7010 multi-channel analyzer system, and a DEC PDP 11/23 computer system. Resolution checks are run at least once each month, and standards are re-measured four times a year. Original standards were obtained from the New Brunswick Labs of the U.S. Atomic Energy Commission, and comparison of results from standard samples have been published by Lewis (1974).

Results

Our results show that the normal variation of radioactive element concentrations in rock of one intrusive phase over a distance of one metre is often of the order of 10%. Consequently a single measurement represents a rock unit to an accuracy at best of 10%, and greater accuracy requires more extensive sampling. This also means that in most cases the accuracy required for each determination is only 10%. At a scale of 1 cm or less there are large variations in concentrations, particularly in the uranium concentration. The choice of a large sample size averages these variations.

We have measured most samples a few hours, usually longer than necessary to achieve a 10% accuracy from the counting statistics. For the more recent samples the per cent error due to counting statistics has

been recorded, and it can be seen (e.g. series 200038) that for uranium and thorium concentrations of 1 ppm, the per cent error is approximately 10%. Of course for higher concentrations this error is smaller.

The heat generation is calculated using the following equation (Birch, 1954):

$$[.0961 \text{ U(ppm)} + .0263 \text{ Th(ppm)} + .0358\text{K(\%)}] \times d (\text{kg m}^{-3}) \times .001 \\ = \text{Heat Production } (\mu\text{W m}^{-3})$$

where d is the original rock density and a conversion for SI units has been added. The heat generation comes from members of the uranium and thorium radioactive decay series (as well as K^{40}), and it is assumed that the series are in equilibrium. Generally they are, although the uranium series can be out of equilibrium due to recent geological processes, in which case the amounts of U^{238} and U^{235} may be more or less than the calculated equivalent amounts (see for example Rosholt, 1983). Three peaks (at energies of 186.1, 143.77 and 63.3 kev) are used to calculate with less certainty the concentrations of U^{235} and Th^{234} , and for recently processed samples, the infrequent indications of disequilibrium are noted (e.g. series 320).

In general, results are as expected. In the Coast Plutonic Complex, quartz monzonites of the young, high level plutons (Salal Creek Stock, series 300026; Fall Creek Stock, series 390050) are much more radioactive than the older quartz diorite - granodiorite basement (series 300014). The Coryell syenites (series 305 borehole 1, series 300043) and the Devonian granites of the Maritimes (boreholes 319 and 320, series 3000105 and 300106) are quite radioactive. The older rocks of the Canadian Shield are not very radioactive (e.g. boreholes 5, 7, 14, 15, 16, and 52, and series 200011 and 200012), although there are some

notable exceptions (e.g. Indian Lake Batholith, borehole 17 and series 200014; Lac du Bonnet Batholith, series 300041 (Whiteshell) and 300044).

Data Presentation

Approximate locations of boreholes are listed in Table 1 with depths and crustal categories. Similarly Table 2 lists areas for which surface samples have been measured. A description of each parameter used in the data base is listed below:

SITE/SERIES

Each site or series number belongs to one of three groups:

3-353	associated with boreholes
200001-200041	surface samples, usually collected by Geothermal Service personnel
300002-300114	surface samples, usually collected by others except for well cuttings which are identified in Table 2

SAMPLE/DEPTH

- a) For borehole sites, a number greater than 99999 is used to indicate a multi-hole site, with the first digit (or first two digits) indicating which borehole, and the rest of the number indicating the depth or sample number. For example, for site 84, there are samples from six boreholes numbered 1, 2, 3, 4, 6 and 7. A sample/depth of 0, or of consecutive numbers starting with 0 or 1 is a series of surficial samples unless it is marked a composite sample, whereas larger, non-consecutive numbers

indicate depths in boreholes, in the units which the drillers employed (either feet or metres, as shown in Table 1). Eg. Site 305, for the first borehole on Burrell Creek there are three surface samples 100001, 100002 and 100003, and the other 16 samples are from depths of 45 to 1454 feet.

- b) For surface samples, this number is a unique sample number, and if possible, resembles the original designation assigned when collected.

SPECT The number of the gamma-ray spectrum from which the results are calculated.

LOCATION The approximate location from where the sample was taken, in latitude and longitude or UTM coordinates.

M An integer from 1 to 4 indicating the method of calculating the equivalent U, equivalent Th and K content:

	Sample Mass = 330 g	Larger Sample
complete spectrum*	1	3
13 selected peaks*	2	4

*see Lewis, 1974.

U (ppm) The concentrations by weight of the three long-lived

Th (ppm) naturally occurring radioactive elements

K (%)

Th/U The ratio of the concentration of Thorium to that of Uranium. If the uranium concentration is less than .05 ppm, this value is shown as 999.9 to indicate that it is inaccurate.

%CT ERROR The per cent error in the heat production caused by the counting statistics of the sample, background, and standards. This was not recorded for the earliest samples.

HEAT PROD. The rate of heat generated from the radioactive decay of the ($\mu\text{W}/\text{m}^3$) U^{238} , U^{235} and Th^{232} series and K^{40} .

DENSITY The density of the original sample. A value of zero (kg/m^3) signifies that the density is unknown.

AGE The age of the body of rock from which the sample comes, (MA) except for samples described as "age dated" where an age has been determined for the particular sample. A value of zero signifies that the age is not known.

N Used to signify other measurements made on the same samples.

1 Chemical analysis of major constituents

2 Nodal point count of minerals

ROCK TYPE This may be either a description of the sample, or the rock type of the unit from which the sample comes and which it represents. Composite samples are made up of rock from several depths (probably chip samples).

If a second line of data is printed for a sample, it most often contains at least one of the following: the original designation of the sample when collected, the NTS map sheet containing the sample location, type of age date, name of body or comments.

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Table 1: Summary of Borehole Data

Borehole	Sample*	Approximate Location Long.(W) Lat(N)	n	Region	Crustal Units t	Depth units
3	b	119°38' 49°20'	20	Penticton, B.C.	s	ft
5	b	74°01' 45°49'	9	St. Jerome, P.Q.	y	ft
6	b	48°32' 72°15'	18	Roberval, P.Q.	y	ft
7	b	97°08' 49°49'	13	Winnipeg, Man.	y	ft
8	b	130°01' 58°39'	10	Dease Lake, B.C.	s	ft
9	b	129°52' 58°10'	20	Stikine R. B.C.	y	ft
10	b,c	130°51' 57°54'	19	Telegraph Cr., B.C.	s	ft
14	b,c	86°58' 48°51'	15	Lake Superior, Ont.	y	-
15	b	87°36' 51°49'	15	Lake Superior, Ont.	y	ft
16	b	90°29' 50°42'	22	Lake Superior, Ont.	y	ft
17	b	91°20' 49°39'	17	Lake Superior, Ont.	y	ft
52	b	77°41' 55°24'	13	James Bay, NWT	s,y	ft
53	s	79°03' 48°21'	4	Noranda, P.Q.	y	-
57	b	77°14' 43°52'	3	Picton, Ont.	y	ft
66	b,c	114°25' 62°30'	10	Yellowknife, NWT	y	-
67	s,b,c	81°20' 46°39'	27	Sudbury, Ont.	y	-
69	b,c	74°21' 49°53'	6	Chibougamau, P.Q.	y	-
72	c	117°11' 49°09'	20	Salmo, B.C.	-	-
74	c	116°51' 49°45'	11	Kootenay L., B.C.	-	-
78	-	131°00' 57°21'	4	Stikine R., B.C.	-	-
80	-	122°17' 52°31'	3	Williams L., B.C.	-	-
82	b	106°32' 58°19'	3	L. Athabaska, Sask.	y	ft
83	b,c	94°12' 51°00'	5	Red L., Ont.	y	-
84	b	85°50' 49°11'	39	Manitouwadge, Ont.	y	-
85	b	105°05' 69°09'	2	Cambridge Bay, NWT	y	ft
107	s	123°15' 49°35'	9	Howe Sound, B.C.	y,v	-
108	-	73°15' 61°40'	5	Raglan Penn., P.Q.	-	-
113	b	56°53' 48°48'	7	Buchans, Nfld.	v	-
115	s	126°41' 56°36'	1	Hazelton, B.C.	y	-
117	b	90°53' 49°53'	2	Dryden, Ont.	v	-
118	b	120°28' 50°39'	2	Kamloops, B.C.	y	ft
119	s	121°17' 49°31'	6	Hope, B.C.	-	-
121	-	8°45'E 10°45'	5	Nigeria	y	-
124	s	120°55' 52°06'	3	Williams Lake, B.C.	y	-
125	s	118°24' 51°37'	1	Revelstoke, B.C.	y	-
126	b	84°17' 50°02'	20	Lake Superior	s	-
129	b	117°36' 50°38'	2	Revelstoke, B.C.	y	-
138	b	97°46' 55°43'	10	Thompson, Man.	v	ft
157	-	96°56' 75°24'	6	Cornwallis Is., NWT	-	-
159	b	121°55' 49°19'	8	Hope, B.C.	v	ft
160	b	129°49' 58°15'	3	Stikine R., B.C.	y	-
161	b,ch	120°59' 50°29'	6	Kamloops, B.C.	y	-
162	s	119°48' 51°31'	1	Kamloops, B.C.	y	-
163	b	125°35' 49°35'	18	Vancouver Is., B.C.	v	ft
184	b	121°25' 50°54'	7	Kamloops, B.C.	y	-
186	b	125°07' 54°04'	4	Prince George, B.C.	y	-

Table 1 continued

Borehole	Sample*	Approximate Location	n	Region	Crustal Units	t	Depth units
	Type	Long.(W) Lat(N)					
188	b	133°24' 59°43'	7	Atlin, B.C.	y		-
301	b	123°28' 50°35'	2	Pemberton, B.C.	y	ft	
302	b	122°50' 50°26'	1	Pemberton, B.C.	y	-	
303	b	123°23' 50°36'	14	Pemberton, B.C.	v	ft	
304	b	123°23' 50°07'	11	Squamish, B.C.	v	ft	
305	b	118°28' 49°26'	39	Grand Forks, B.C.	y	ft	
310	b	119°43' 49°46'	27	Okanagan, B.C.	y	ft	
311-342	m	119° 49°	26	Okanagan, B.C.	-	-	
319	b	67°19' 45°41'	41	Pokiak, N.B.	y	m	
320	b	66°27' 45°27'	42	Welsford, N.B.	y	m	
321	b	123°27' 48°39'	11	Sidney, B.C.	y	ft	
339	b	123°40' 50°43'	36	Pemberton, B.C.	y	ft	
344	b	123°16' 50°6'	23	Whistler, B.C.	y	ft	
353	b,c	127°29' 50°37'	9	Port Hardy, B.C.	y	-	

* s = surface sample, b = borehole core, ch = borehole chips,
 c = composite sample, m = surface samples, and composite samples from
 borehole chips

t s = sediments, y = highly metamorphosed or magmatic rocks,
 v = volcanics

Table 2: Summary of surface samples

Series	Approximate Location		n	Region	Crustal Unit*
	Long.(West)	Lat.(North)			
200001	119°	49°	18	Okanagan, B.C.	y
200002	118°	50°	6	Kinnaird, B.C.	y
200003	80°52'	46°43'	5	Sudbury, Ont.	y
200004	81°27'	46°38'	3	Sudbury, Ont.	y
200005	126°45'	50°20'	6	Vancouver Island, B.C.	y
200006	120°	50°	11	Thompson River, B.C.	y
200007	125°34'	49°48'	2	Vancouver Island, B.C.	y
200008	121°40'	49°20'	3	Fraser River, B.C.	y
200010	84°50'	48°	9	North Bay, Ont.	y
200011	86°	49°	16	White River, Ont.	y
200012	87°	48°45'	12	Terrace Bay, Ont.	y
200013	88°	48°50'	14	Terrace Bay, Ont.	y
200014	90°	50°	16	Ignace, Ont.	y
200015	92°	50°	15	Ignace, Ont.	y
200016	120°27'	50°39'	7	Kamloops, B.C.	y
200017	119°50'	51°20'	6	Kamloops, B.C.	y
200018	119°40'	49°25'	11	Penticton, B.C.	y
200022	79°02'	48°21'	5	Rouyn P.Q.	y
200023	124°40'	48°45'	5	Vancouver Island, B.C.	y
200024	135°	61°	33	Whitehorse, Yukon	y
200025	135°	61°	8	Whitehorse, Yukon	y
200031	129°	53°	47	Northern Inlets, B.C.	y
200032	118°30'	49°30'	14	Grand Forks, B.C.	y
200033	74°10'	62°.06'	6	Ungava Penn., P.Q.	y
200034	117°15'	49°12'	8	Salmo, B.C.	y
200035	127°01'	53°18'	2	Coast, B.C.	y
200038	119°	49°50'	32	Thompson Plateau, B.C.	y
200039	124°50'	50°20'	4	Toba Inlet, B.C.	y
200040	123°20'	50°20'	21	Squamish, B.C.	y
200041	127°20'	50°25'	11	Vancouver Island, B.C.	-
200042	123°30'	50°15'	4	Whistler, B.C.	y
300002	116°40'	50°	8	Kootenay Lake, B.C.	y
300003	117°50'	51°20'	6	Monashee, B.C.	y
300004	117°10'	49°50'	32	Nelson, B.C.	y
300005	116°40'	49°20'	8	Kootenay Lake, B.C.	y
300006	124°	50°	57	S. Coast Range, B.C.	y
300007	129°	59°	25	McDame, B.C.	y
300008	54°	48°40'	31	Eastern Newfoundland	y
300009	121°25'	49°10'	31	Hope, B.C.	y
300011	126°	50°	35	N. Vancouver Island, B.C.	y
300012	123°27'	48°40'	4	S. Vancouver Island, B.C.	y
300014	124°	50°	31	S. Coast Range, B.C.	y
300015	123°30'	50°34'	2	Meager Mtn., B.C.	y
300016	129°	62°40'	13	S. Nahanni R., N.W.T.	y
	138°20'	64°20'	9	Dawson, Yukon	y
300017	130°	63°	13	Hess River, Yukon	y
300018	130°	62°30'	8	Pelly River, Yukon	y

Table 2: Summary of surface samples

Series	Approximate Location Long.(West) Lat.(North)		n	Region	Crustal Unit*
300019	136°	63°	8	Mayo, Yukon	y
300020	135°	63°30'	10	Keno Hill, Yukon	y
300021	130°	63°	3	Keele River, N.W.T.	y
300022	130°	63°	2	Ross River, Yukon	y
300023	134°	63°	7	Mayo, Yukon	y
300024	92°	74°	4	Somerset Island, N.W.T.	y
300025	125°45'	56°	16	Babine Lake, B.C.	y
300026	123°25'	50°47'	5	Pemberton, B.C.	y
300027	126°	56°	53	Babine Lake, B.C.	y
300028	118°	66°	2	Camsell River, N.W.T.	y
300029	130°	54°	8	Prince Rupert, B.C.	y
300035	73°09'	45°33'	14	Montereign Hill, P.Q.	y
300037	128°	55°30'	144	Northern B.C. Coast	y
300040	126°21'	44°54'	15	Pacific Ocean	s
300041	96°04'	50°15'	16	Pinawa, Man.	y
300042	128°	50° 40'	5	Shelf Sediments, Vancouver Island	s
300043	118°38'	49°26'	27	Grand Forks, B.C.	y
300044	96°04'	50°15'	9	Pinawa, Man.	y
300045	119°30'	49°52'	12	Penticton, B.C.	y
300046\$	66°	44°10'	32	Scotian Shelf, Atlantic Ocean	s
300047	100°	54°50'	36	Snow Lake, Man.	y
300048	59°-75°	33°-28°	24	Atlantic Ocean	s
300049	91°43'	48°54'	12	Atikokan, Ont.	y
300050	123°31'	50°40'	10	Pemberton, B.C.	y
300101¢	129°50'	55°13'	66	Alice Arm, B.C.	s
300102	75°23'	28°21'	17	Atlantic Ocean	s
300103	123°31'	50°34'	2	Pemberton, B.C.	y
300104\$	131°20'	53°19'	35	Queen Charlotte Sd., B.C.	s
300105	61°30'	45°16'	21	Antigonish, N.S.	y
300106	66°	43°41'	9	Yarmouth, N.S.	y
300108	127°	52°22'	11	Bella Coola, B.C.	y
300110	121°	51°50'	11	Wells Gray Park, B.C.	y
300114	140°	68°	9	Northern Yukon	y

* s = sediments, v = volcanics, y = representative of crust, and not a thin veneer (may include volcanics)

¢ = samples of soft bottom marine sediments from coring.

\$ = composite samples of drillcuttings from wells in sedimentary basins are marked \$

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	%CT ERROR	HEAT FROD. ($\text{mW/m}^2\text{s}^{-3}$)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
3	100	358	119 37' 36" W	49 19' 48" N	4	3.49	16.78	1.06	4.8	0.0	2.18	0.0	0.0	0.0	0	TUFFS, GRAYWACKES, AND SHALES OF THE MARRON FM, TO 1958 FT (597M)
3	192	357	119 37' 36" W	49 19' 48" N	4	4.30	18.81	1.85	4.4	0.0	2.61	0.0	0.0	0.0	0	
3	286	360	119 37' 36" W	49 19' 48" N	4	4.50	18.79	1.67	4.2	0.0	2.64	0.0	0.0	0.0	0	
3	398	362	119 37' 36" W	49 19' 48" N	4	4.47	14.80	5.07	3.3	0.0	2.68	0.0	0.0	0.0	0	
3	487	359	119 37' 36" W	49 19' 48" N	4	4.94	16.80	4.73	3.4	0.0	2.91	0.0	0.0	0.0	0	
3	583	376	119 37' 36" W	49 19' 48" N	4	0.58	1.67	0.48	2.9	0.0	0.31	0.0	0.0	0.0	0	
3	673	361	119 37' 36" W	49 19' 48" N	4	5.29	18.75	5.39	3.5	0.0	3.20	0.0	0.0	0.0	0	
3	776	375	119 37' 36" W	49 19' 48" N	4	4.10	15.03	3.36	3.7	0.0	2.43	0.0	0.0	0.0	0	
3	861	374	119 37' 36" W	49 19' 48" N	4	2.43	8.90	2.20	3.7	0.0	1.46	0.0	0.0	0.0	0	
3	973	379	119 37' 36" W	49 19' 48" N	4	3.07	11.81	1.07	3.8	0.0	1.72	0.0	0.0	0.0	0	
3	1058	383	119 37' 36" W	49 19' 48" N	4	3.56	15.18	2.21	4.3	0.0	2.20	0.0	0.0	0.0	0	
3	1150	371	119 37' 36" W	49 19' 48" N	4	4.16	16.55	2.91	4.0	0.0	2.51	0.0	0.0	0.0	0	
3	1262	377	119 37' 36" W	49 19' 48" N	4	3.99	17.67	3.10	4.4	0.0	2.57	0.0	0.0	0.0	0	
3	1362	373	119 37' 36" W	49 19' 48" N	4	4.38	19.72	3.65	4.5	0.0	2.86	0.0	0.0	0.0	0	
3	1450	372	119 37' 36" W	49 19' 48" N	4	4.06	15.99	3.64	3.9	0.0	2.52	0.0	0.0	0.0	0	
3	1527	382	119 37' 36" W	49 19' 48" N	4	3.74	16.15	3.46	4.3	0.0	2.43	0.0	0.0	0.0	0	
3	1636	381	119 37' 36" W	49 19' 48" N	4	3.30	14.09	3.34	4.3	0.0	2.16	0.0	0.0	0.0	0	
3	1737	378	119 37' 36" W	49 19' 48" N	4	3.57	14.76	2.86	4.1	0.0	2.23	0.0	0.0	0.0	0	
3	1831	384	119 37' 36" W	49 19' 48" N	4	3.58	14.64	3.53	4.1	0.0	2.29	0.0	0.0	0.0	0	
3	1940	380	119 37' 36" W	49 19' 48" N	4	4.64	19.75	4.77	4.3	0.0	3.04	0.0	0.0	0.0	0	

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT	HEAT FROB.	DENSITY	AGE (MA)	N	ROCK TYPE, ETC.
				(°N)	(PPM)	(PPM)	(PPM)	(%)		(μW/m³)	(Kg/m³)				
5	375	0	74 0' 48" W	45 49' 0" N	1	0.42	0.97	3.58	2.3	0.0	0.52	0.0	0.0	0	GRANULITE
5	475	0	74 0' 48" W	45 49' 0" N	1	0.23	0.82	3.13	3.6	0.0	0.42	0.0	0.0	0	GRANULITE
5	650	0	74 0' 48" W	45 49' 0" N	1	0.41	0.91	3.00	2.2	0.0	0.46	0.0	0.0	0	GNEISS
5	950	0	74 0' 48" W	45 49' 0" N	1	0.53	1.31	4.51	2.5	0.0	0.66	0.0	0.0	0	GRANULITE
5	1000	0	74 0' 48" W	45 49' 0" N	1	0.43	1.02	3.05	2.4	0.0	0.47	0.0	0.0	0	GRANULITE
5	1050	0	74 0' 48" W	45 49' 0" N	1	0.47	0.98	2.37	2.1	0.0	0.42	0.0	0.0	0	GRANULITE
5	2100	0	74 0' 48" W	45 49' 0" N	1	0.69	0.62	3.63	0.9	0.0	0.57	0.0	0.0	0	GRANULITE
5	2225	0	74 0' 48" W	45 49' 0" N	1	1.31	2.27	3.96	1.7	0.0	0.88	0.0	0.0	0	GRANULITE
5	2300	0	74 0' 48" W	45 49' 0" N	1	1.67	4.16	5.1	0.0	1.42	0.0	0.0	0.0	0	GRANULITE

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROB. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U (μpm)	%CT ERROR	HEAT PROD. (mW/m^2)	DENSITY (Kg/m^3)	AGE (Ma)	N ROCK TYPE, ETC.
6	90	317	48 31' 48" W	72 15' 12" N	4	1.89	21.28	4.18	11.3	0.0	2.38	0.0	0.0	0.0
6	170	315	48 31' 48" W	72 15' 12" N	4	1.99	21.08	4.32	10.6	0.0	2.41	0.0	0.0	0.0
6	260	312	48 31' 48" W	72 15' 12" N	4	1.90	14.30	4.13	7.5	0.0	1.89	0.0	0.0	0.0
6	415	325	48 31' 48" W	72 15' 12" N	4	2.42	27.95	4.19	11.5	0.0	2.99	0.0	0.0	0.0
6	506	310	48 31' 48" W	72 15' 12" N	4	1.84	14.82	4.39	8.1	0.0	1.94	0.0	0.0	0.0
6	662	320	48 31' 48" W	72 15' 12" N	4	1.57	7.44	4.37	4.7	0.0	1.35	0.0	0.0	0.0
6	775	321	48 31' 48" W	72 15' 12" N	4	1.75	14.31	4.52	8.2	0.0	1.89	0.0	0.0	0.0
6	905	324	48 31' 48" W	72 15' 12" N	4	1.44	15.49	3.76	10.8	0.0	1.82	0.0	0.0	0.0
6	905	309	48 31' 48" W	72 15' 12" N	4	1.35	16.17	3.69	12.0	0.0	1.84	0.0	0.0	0.0
6	1037	318	48 31' 48" W	72 15' 12" N	4	1.48	16.49	3.74	11.1	0.0	1.90	0.0	0.0	0.0
6	1166	316	48 31' 48" W	72 15' 12" N	4	1.47	9.90	3.83	6.7	0.0	1.44	0.0	0.0	0.0
6	1291	319	48 31' 48" W	72 15' 12" N	4	1.47	11.74	4.65	8.0	0.0	1.65	0.0	0.0	0.0
6	1420	311	48 31' 48" W	72 15' 12" N	4	1.00	4.15	3.60	4.2	0.0	0.89	0.0	0.0	0.0
6	1540	322	48 31' 48" W	72 15' 12" N	4	4.41	102.62	4.92	23.3	0.0	8.83	0.0	0.0	0.0
6	1656	323	48 31' 48" W	72 15' 12" N	4	2.07	11.61	4.50	5.6	0.0	1.78	0.0	0.0	0.0
6	1656	309	48 31' 48" W	72 15' 12" N	4	2.22	11.77	4.44	5.3	0.0	1.82	0.0	0.0	0.0
6	1751	313	48 31' 48" W	72 15' 12" N	4	1.13	4.85	3.93	4.3	0.0	1.01	0.0	0.0	0.0
6	1886	314	48 31' 48" W	72 15' 12" N	4	2.01	9.23	3.58	4.6	0.0	1.51	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LONGITUDE	LOCATION	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (PPM)	Th/U (%)	Σ CT ERROR (μ W/m 2)	HEAT FROD. (mW/m^2)	INTNSITY (Ks/m^{-3})	AGE (MA)	N ROCK TYPE, ETC.
7	720	441	97	7'54"W	49 48'42"N	4	0.44	6.35	1.34	14.4	0.0	0.69	0.0	0.0	BIOTITE GRANITE
7	792	436	97	7'54"W	49 48'42"N	4	0.44	7.55	2.25	17.2	0.0	0.86	0.0	0.0	BIOTITE GRANITE
7	936	438	97	7'54"W	49 48'42"N	4	0.62	9.45	2.09	15.2	0.0	1.03	0.0	0.0	GRANITE
7	963	139	97	7'54"W	49 48'42"N	4	0.59	6.78	1.54	11.5	0.0	0.78	0.0	0.0	BIOTITE GRANITE FO
7	1087	446	97	7'54"W	49 48'42"N	4	0.96	16.72	3.42	17.4	0.0	1.75	0.0	0.0	GRANITE OR BIOL GR
7	1185	450	97	7'54"W	49 48'42"N	4	0.98	15.52	1.97	15.8	0.0	1.53	0.0	0.0	GRANITE OR BIOL GR
7	1299	445	97	7'54"W	49 48'42"N	4	0.75	13.43	1.65	17.9	0.0	1.30	0.0	0.0	BIOTITE GRANITE
7	1402	444	97	7'54"W	49 48'42"N	4	0.87	14.63	2.48	16.8	0.0	1.49	0.0	0.0	BIOTITE GRANITE
7	1482	453	97	7'54"W	49 48'42"N	4	0.78	13.19	2.19	16.9	0.0	1.34	0.0	0.0	BIOTITE GRANITE
7	1624	454	97	7'54"W	49 48'42"N	4	0.71	23.24	1.99	32.7	0.0	2.01	0.0	0.0	BIOTITE GRANITE
7	1750	448	97	7'54"W	49 48'42"N	4	0.90	15.22	2.57	16.9	0.0	1.55	0.0	0.0	BIOTITE GRANITE
7	1862	442	97	7'54"W	49 48'42"N	4	1.21	15.29	2.25	12.6	0.0	1.60	0.0	0.0	BIOTITE GRANITE
7	1970	443	97	7'54"W	49 48'42"N	4	0.9R	24.18	2.07	24.7	0.0	2.15	0.0	0.0	BIOTITE GRANITE

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H (rPm)	U (rPm)	Th (rPm)	K (rPm)	Th/U (%)	%CT ERROR (μ W/m $^{-3}$)	HEAT FROn. (μ W/m $^{-3}$)	DENSITY (Ks/m $^{-3}$)	AGE (MA)	ROCK TYPE, ETC.
8	124	550	130	0'36"W	58 38'54"N	4	3.74	10.35	2.79	2.8	0.0	1.96	0.0	0.0	FREQUENTLY
8	146	553	130	0'36"W	58 38'54"N	4	0.75	1.90	0.63	2.5	0.0	0.39	0.0	0.0	QUARTZOSE
8	342	552	130	0'36"W	58 38'54"N	4	1.98	4.22	1.14	2.1	0.0	0.92	0.0	0.0	PHYLILITE
8	433	554	130	0'36"W	58 38'54"N	4	1.33	3.48	1.01	2.6	0.0	0.68	0.0	0.0	THROUGHOUT
8	520	561	130	0'36"W	58 38'54"N	4	1.68	5.35	1.43	3.2	0.0	0.95	0.0	0.0	BOREHOLE
8	662	549	130	0'36"W	58 38'54"N	4	3.04	7.26	2.14	2.4	0.0	1.50	0.0	0.0	
8	733	560	130	0'36"W	58 38'54"N	4	2.46	7.22	2.08	2.9	0.0	1.34	0.0	0.0	
8	876	557	130	0'36"W	58 38'54"N	4	1.50	6.22	1.91	4.1	0.0	1.01	0.0	0.0	
8	271	556	130	0'36"W	58 38'54"N	4	1.87	5.53	1.24	3.0	0.0	0.99	0.0	0.0	
8	498	559	130	0'36"W	58 38'54"N	4	2.76	5.34	1.57	1.9	0.0	1.24	0.0	0.0	

A DENSITY OF 2670 Ks/m $^{-3}$ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROn. IF THF DENSITY IS UNKNOWN

SITE/ SAMPLE SERIES	DEPTH	LOCATION		LATITUDE	M	U	Th	K	Th/U ($\times 10^{-3}$)	ZCT ERROR (μm^{-3})	HEAT PROD. (mW/m^2)	DENSITY (kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
		SPECT	LONGITUDE												
9	80	517	129 51'54"W	58	9'36"N	4	6.14	16.08	4.04	2.6	0.0	3.10	0.0	0.0	PINK ORTHOCL-PHY
9	238	646	129 51'54"W	58	9'36"N	4	5.43	21.58	0.53	4.0	0.0	2.97	0.0	0.0	
9	288	520	129 51'54"W	58	9'36"N	4	15.40	68.50	0.61	4.4	0.0	8.84	0.0	0.0	HB GRANODIORITE+
9	301	565	129 51'54"W	58	9'36"N	4	7.13	16.17	0.39	2.3	0.0	3.01	0.0	0.0	HR GRANODIORITE
9	315	515	129 51'54"W	58	9'36"N	4	4.48	5.74	2.28	1.3	0.0	1.77	0.0	0.0	BASIC AND DYKE
9	345	647	129 51'54"W	58	9'36"N	4	6.22	18.43	1.70	3.0	0.0	3.06	0.0	0.0	
9	484	648	129 51'54"W	58	9'36"N	4	6.01	13.55	4.26	2.3	0.0	2.91	0.0	0.0	
9	564	650	129 51'54"W	58	9'36"N	4	7.23	15.75	4.51	2.2	0.0	3.40	0.0	0.0	
9	580	522	129 51'54"W	58	9'36"N	4	4.14	9.23	4.44	2.2	0.0	2.14	0.0	0.0	HB GRANODIORITE
9	768	653	129 51'54"W	58	9'36"N	4	6.45	14.44	4.10	2.2	0.0	3.07	0.0	0.0	
9	805	534	129 51'54"W	58	9'36"N	4	6.04	14.90	1.39	2.5	0.0	2.74	0.0	0.0	HB GRANODIORITE
9	850	530	129 51'54"W	58	9'36"N	4	1.51	3.77	1.25	2.5	0.0	0.77	0.0	0.0	H DIORITE
9	850	524	129 51'54"W	58	9'36"N	4	1.54	3.73	1.26	2.4	0.0	0.78	0.0	0.0	H DIORITE
9	950	526	129 51'54"W	58	9'36"N	4	3.14	8.12	3.53	2.6	0.0	1.72	0.0	0.0	AFLITE
9	1062	660	129 51'54"W	58	9'36"N	4	8.11	14.85	3.00	1.8	0.0	3.42	0.0	0.0	
9	1082	519	129 51'54"W	58	9'36"N	4	6.26	13.26	4.51	2.1	0.0	2.98	0.0	0.0	HB GRANODIORITE
9	1212	662	129 51'54"W	58	9'36"N	4	5.34	10.78	5.16	2.0	0.0	2.63	0.0	0.0	
9	1252	518	129 51'54"W	58	9'36"N	4	5.59	12.06	4.23	2.2	0.0	2.69	0.0	0.0	HR GRANODIORITE
9	1283	664	129 51'54"W	58	9'36"N	4	4.84	11.23	4.33	2.3	0.0	2.45	0.0	0.0	
9	1382	528	129 51'54"W	58	9'36"N	4	4.37	6.91	2.33	1.6	0.0	1.83	0.0	0.0	MIGNATITE

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SAMPLE SERIES	DEPTH	SPECT	LOCATION LATITUDE	LONGITUDE	M (PPM)	U (PPM)	Th (PPM)	K (PPM)	Th/U ERROR (%)	ZCT ERROR (%)	HEAT PROD. (uW/m ³)	DENSITY (Kg/m ³)	AGE (MA)	N	ROCK TYPE, ETC.
10	1	111	130 51'18"W	57 53'36"N	4	0.89	1.46	1.40	1.6	0.0	0.47	0.0	0.0	0.0	0.0
10	2	98	130 51'18"W	57 53'36"N	4	0.82	1.18	1.29	1.4	0.0	0.42	0.0	0.0	0.0	0.0
10	3	100	130 51'18"W	57 53'36"N	4	0.73	1.28	0.24	1.8	0.0	0.30	0.0	0.0	0.0	0.0
10	4	96	130 51'18"W	57 53'36"N	4	0.73	1.23	1.26	1.7	0.0	0.39	0.0	0.0	0.0	0.0
10	5	106	130 51'18"W	57 53'36"N	4	1.96	1.33	1.05	0.7	0.0	0.70	0.0	0.0	0.0	0.0
10	6	108	130 51'18"W	57 53'36"N	4	1.02	1.09	0.78	1.1	0.0	0.41	0.0	0.0	0.0	0.0
10	7	109	130 51'18"W	57 53'36"N	4	5.27	0.95	0.44	0.2	0.0	1.46	0.0	0.0	0.0	0.0
10	8	102	130 51'18"W	57 53'36"N	4	1.68	2.46	1.48	1.5	0.0	0.75	0.0	0.0	0.0	0.0
10	9	114	130 51'18"W	57 53'36"N	4	0.94	1.73	0.69	1.8	0.0	0.43	0.0	0.0	0.0	0.0
10	10	113	130 51'18"W	57 53'36"N	4	0.91	1.93	0.97	2.1	0.0	0.46	0.0	0.0	0.0	0.0
10	11	107	130 51'18"W	57 53'36"N	4	1.24	2.10	0.95	1.7	0.0	0.56	0.0	0.0	0.0	0.0
10	12	97	130 51'18"W	57 53'36"N	4	1.95	1.28	1.42	0.7	0.0	0.73	0.0	0.0	0.0	0.0
10	13	103	130 51'18"W	57 53'36"N	4	0.78	0.80	0.72	1.0	0.0	0.33	0.0	0.0	0.0	0.0
10	14	110	130 51'18"W	57 53'36"N	4	2.17	1.36	1.83	0.6	0.0	0.83	0.0	0.0	0.0	0.0
10	845	536	130 51'18"W	57 53'36"N	4	4.64	1.95	1.53	0.4	0.0	1.48	0.0	0.0	0.0	0.0
10	709	538	130 51'18"W	57 53'36"N	4	1.36	1.27	0.75	0.9	0.0	0.51	0.0	0.0	0.0	0.0
10	800	546	130 51'18"W	57 53'36"N	4	3.14	1.50	1.19	0.5	0.0	1.03	0.0	0.0	0.0	0.0
10	785	548	130 51'18"W	57 53'36"N	4	1.12	0.63	0.62	0.6	0.0	0.39	0.0	0.0	0.0	0.0
10	530	558	130 51'18"W	57 53'36"N	4	2.18	1.39	0.73	0.6	0.0	0.73	0.0	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U	%CT ERROR	HEAT PROD. ($\text{Jm/m}^2\text{s}^{-3}$)	DENSITY (Kg/m^{-3})	AGE (MA)	ROCK TYPE, ETC.
14	1	138	86 58'30"W	48 51'30"N	4	2.75	5.86	1.87	2.1	0.0	1.30	0.0	0.0	0
14	3	139	86 58'30"W	48 51'30"N	4	2.39	5.16	2.18	2.2	0.0	1.19	0.0	0.0	0
14	5	146	86 58'30"W	48 51'30"N	4	1.30	3.71	1.72	2.9	0.0	0.76	0.0	0.0	0
14	9	147	86 58'30"W	48 51'30"N	4	2.06	4.97	1.97	2.4	0.0	1.07	0.0	0.0	0
14	11	150	86 58'30"W	48 51'30"N	4	2.45	5.90	2.02	2.4	0.0	1.24	0.0	0.0	0
14	13	148	86 58'30"W	48 51'30"N	4	1.70	5.63	1.99	3.3	0.0	1.02	0.0	0.0	0
14	15	149	86 58'30"W	48 51'30"N	4	1.13	4.22	1.96	3.7	0.0	0.78	0.0	0.0	0
14	17	152	86 58'30"W	48 51'30"N	4	1.48	5.25	2.17	3.5	0.0	0.96	0.0	0.0	0
14	19	156	86 58'30"W	48 51'30"N	4	1.08	3.14	1.32	2.9	0.0	0.63	0.0	0.0	0
14	21	155	86 58'30"W	48 51'30"N	4	1.81	5.03	2.04	2.8	0.0	1.01	0.0	0.0	0
14	23	154	86 58'30"W	48 51'30"N	4	1.59	5.68	2.05	3.6	0.0	1.01	0.0	0.0	0
14	29	160	86 58'30"W	48 51'30"N	4	1.64	8.05	1.86	4.9	0.0	1.17	0.0	0.0	0
14	31	161	86 58'30"W	48 51'30"N	4	1.54	5.52	2.06	3.6	0.0	0.98	0.0	0.0	0
14	33	163	86 58'30"W	48 51'30"N	4	2.03	6.45	3.19	3.2	0.0	1.28	0.0	0.0	0
14	35	157	86 58'30"W	48 51'30"N	4	0.69	3.09	0.88	4.5	0.0	0.48	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LONGITUDE	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT	HEAT FROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
			(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(Z)	FERROR	(MW/m^3)	(Kg/m^3)	(MA)		
15	1979	162	89 35'54"W	51 49'30"N	4	0.16	0.68	0.50	4.3	0.0	0.14	0.0	0.0	0.0	0	
15	1384	164	89 35'54"W	51 49'30"H	4	0.19	0.62	0.34	3.3	0.0	0.13	0.0	0.0	0.0	0	
15	207	165	89 35'54"W	51 49'30"N	4	0.30	0.38	0.54	1.3	0.0	0.16	0.0	0.0	0.0	0	
15	459	178	89 35'54"W	51 49'30"N	4	0.36	0.48	0.56	1.3	0.0	0.18	0.0	0.0	0.0	0	
15	5777	179	89 35'54"W	51 49'30"N	4	0.23	0.96	0.64	4.2	0.0	0.19	0.0	0.0	0.0	0	
15	577	179	89 35'54"W	51 49'30"N	4	0.23	0.96	0.64	4.2	0.0	0.19	0.0	0.0	0.0	0	
15	672	183	89 35'54"W	51 49'30"N	4	0.89	1.23	0.82	1.4	0.0	0.39	0.0	0.0	0.0	0	
15	779	188	89 35'54"W	51 49'30"N	4	0.49	0.50	0.53	1.0	0.0	0.21	0.0	0.0	0.0	0	
15	1025	189	89 35'54"W	51 49'30"N	4	0.36	0.45	0.39	1.2	0.0	0.16	0.0	0.0	0.0	0	
15	1145	191	89 35'54"W	51 49'30"N	4	0.19	0.36	0.35	1.9	0.0	0.11	0.0	0.0	0.0	0	
15	1263	192	89 35'54"W	51 49'30"N	4	8.96	21.93	2.85	2.4	0.0	4.12	0.0	0.0	0.0	0	
15	1510	193	89 35'54"W	51 49'30"N	4	0.20	0.66	0.57	3.3	0.0	0.15	0.0	0.0	0.0	0	
15	1623	194	89 35'54"W	51 49'30"N	4	3.91	14.06	3.51	3.6	0.0	2.33	0.0	0.0	0.0	0	
15	899	208	89 35'54"W	51 49'30"N	4	0.28	0.44	0.63	1.6	0.0	0.16	0.0	0.0	0.0	0	
15	1750	209	89 35'54"W	51 49'30"N	4	0.19	0.43	0.40	2.3	0.0	0.12	0.0	0.0	0.0	0	

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT	HEAT PROF.	DENSITY	AGF	N	ROCK TYPE, ETC.
			(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(%)	ERROR	(m/m ³)	(Kg/m ³)	(MA)		
16	1596	210	90 28'48"W	50 42'42"N	4	1.86	2.46	1.08	1.3	0.0	0.75	0.0	0.0	0.0	0
16	1723	215	90 28'48"W	50 42'42"N	4	2.25	3.44	3.95	1.5	0.0	1.20	0.0	0.0	0.0	0
16	1196	216	90 28'48"W	50 42'42"N	4	2.82	1.92	0.81	0.7	0.0	0.94	0.0	0.0	0.0	0
16	948	217	90 28'48"W	50 42'42"N	4	0.62	0.83	1.10	1.3	0.0	0.32	0.0	0.0	0.0	0
16	1100	1775	90 28'48"W	50 42'42"N	2	0.39	3.29	0.53	8.4	0.0	0.38	0.0	0.0	0.0	0
16	1111	1776	90 28'48"W	50 42'42"N	2	0.76	2.66	1.65	3.5	0.0	0.54	0.0	0.0	0.0	0
16	1128	1777	90 28'48"W	50 42'42"N	2	0.17	1.35	0.37	7.9	0.0	0.17	0.0	0.0	0.0	0
16	1136	1778	90 28'48"W	50 42'42"N	2	0.40	1.54	0.21	3.8	0.0	0.23	0.0	0.0	0.0	0
16	1143	1779	90 28'48"W	50 42'42"N	2	0.28	1.64	0.69	5.9	0.0	0.25	0.0	0.0	0.0	0
16	1119	218	90 28'48"W	50 42'42"N	4	0.44	0.62	1.90	1.4	0.0	0.34	0.0	0.0	0.0	0
16	194	219	90 28'48"W	50 42'42"N	4	1.25	12.14	3.30	9.7	0.0	1.49	0.0	0.0	0.0	0
16	47	220	90 28'48"W	50 42'42"N	4	1.86	9.77	1.30	5.3	0.0	1.29	0.0	0.0	0.0	0
16	1472	221	90 28'48"W	50 42'42"N	4	0.63	7.77	1.13	12.3	0.0	0.82	0.0	0.0	0.0	0
16	448	230	90 28'48"W	50 42'42"N	4	1.01	3.14	0.96	3.1	0.0	0.57	0.0	0.0	0.0	0
16	694	231	90 28'48"W	50 42'42"N	4	1.16	4.42	1.22	3.8	0.0	0.73	0.0	0.0	0.0	0
16	823	232	90 28'48"W	50 42'42"N	4	1.52	3.48	1.03	2.3	0.0	0.73	0.0	0.0	0.0	0
16	1074	233	90 28'48"W	50 42'42"N	4	0.61	6.40	0.91	10.5	0.0	0.69	0.0	0.0	0.0	0
16	1349	234	90 28'48"W	50 42'42"N	4	0.47	0.91	1.09	1.9	0.0	0.29	0.0	0.0	0.0	0
16	570	250	90 28'48"W	50 42'42"N	4	0.56	7.28	0.84	13.0	0.0	0.74	0.0	0.0	0.0	0
16	321	251	90 28'48"W	50 42'42"N	4	1.43	6.96	1.14	4.9	0.0	0.97	0.0	0.0	0.0	0
16	1989	261	90 28'48"W	50 42'42"N	4	1.47	14.16	1.97	9.6	0.0	1.56	0.0	0.0	0.0	0
16	1870	262	90 28'48"W	50 42'42"N	4	1.48	6.66	1.09	4.5	0.0	0.95	0.0	0.0	0.0	0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROF. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (PPM)	Th/U (%)	%CT ERROR	HEAT PROD. (uW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
17	165	222	91 19' 18" W	49 38' 36" N	4	3.40	21.84	3.19	6.4	0.0	2.72	0.0	0.0	0
17	2006	223	91 19' 18" W	49 38' 36" N	4	1.86	8.79	4.76	4.7	0.0	1.55	0.0	0.0	0
17	1408	224	91 19' 18" W	49 38' 36" N	4	7.99	38.75	4.02	4.8	0.0	5.17	0.0	0.0	0
17	672	225	91 19' 18" W	49 38' 36" N	4	1.75	7.77	4.53	4.4	0.0	1.43	0.0	0.0	0
17	306	227	91 19' 18" W	49 38' 36" N	4	2.65	18.62	3.32	7.0	0.0	2.31	0.0	0.0	0
17	1041	228	91 19' 18" W	49 38' 36" N	4	1.51	16.57	2.75	11.0	0.0	1.82	0.0	0.0	0
17	47	229	91 19' 18" W	49 38' 36" N	4	7.64	25.13	3.00	3.3	0.0	4.02	0.0	0.0	0
17	1793	235	91 19' 18" W	49 38' 36" N	4	2.52	12.76	1.02	5.1	0.0	1.64	0.0	0.0	0
17	1547	236	91 19' 18" W	49 38' 36" N	4	2.43	22.21	3.32	9.1	0.0	2.51	0.0	0.0	0
17	1923	237	91 19' 18" W	49 38' 36" N	4	0.26	1.33	0.33	5.1	0.0	0.19	0.0	0.0	0
17	1666	238	91 19' 18" W	49 38' 36" N	4	16.40	10.54	3.38	0.6	0.0	5.28	0.0	0.0	0
17	1166	239	91 19' 18" W	49 38' 36" N	4	2.54	19.21	3.17	7.6	0.0	2.31	0.0	0.0	0
17	1290	240	91 19' 18" W	49 38' 36" N	4	8.52	32.13	3.66	3.8	0.0	4.80	0.0	0.0	0
17	425	241	91 19' 18" W	49 38' 36" N	4	1.71	9.01	3.21	5.3	0.0	1.38	0.0	0.0	0
17	798	257	91 19' 18" W	49 38' 36" N	4	3.69	13.43	4.26	3.6	0.0	2.30	0.0	0.0	0
17	924	258	91 19' 18" W	49 38' 36" N	4	7.44	41.66	3.79	5.6	0.0	5.21	0.0	0.0	0
17	546	259	91 19' 18" W	49 38' 36" N	4	11.60	56.36	3.86	4.9	0.0	7.32	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE INTENSITY IS UNKNOWN

SITE/ SERIFS	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	ZCT	HEAT FROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(°N)	(PPM)	(PPM)	(PPM)	(PPM)	(μM/m^-3)	(Kg/m^3)	(MA)			
52	200	269	77 41' 0" W	55 23' 42" N	4	0.35	0.67	0.45	1.09	0.0	0.0	0.0	0	MAINLY QUARTZITE
52	600	272	77 41' 0" W	55 23' 42" N	4	0.78	2.08	1.16	2.7	0.0	0.46	0.0	0	MAINLY QUARTZITE
52	1000	273	77 41' 0" W	55 23' 42" N	4	0.91	3.28	2.64	3.6	0.0	0.72	0.0	0	MAINLY QUARTZITE
52	800	274	77 41' 0" W	55 23' 42" N	4	0.63	1.13	0.35	1.8	0.0	0.28	0.0	0	MAINLY QUARTZITE,
52	100	275	77 41' 0" W	55 23' 42" N	4	1.11	0.59	0.24	0.5	0.0	0.35	0.0	0	mainly quartzite
52	40	276	77 41' 0" W	55 23' 42" N	4	0.17	1.09	0.49	6.4	0.0	0.17	0.0	0	Rasalt
52	1206	277	77 41' 0" W	55 23' 42" N	4	0.59	0.42	0.36	0.7	0.0	0.22	0.0	0	MAINLY QUARTZITE
52	3200	278	77 41' 0" W	55 23' 42" N	4	0.59	8.48	4.79	14.4	0.0	1.21	0.0	0	Granodiorite gneiss
52	1800	279	77 41' 0" W	55 23' 42" N	4	0.74	9.83	4.60	13.3	0.0	1.32	0.0	0	Granodiorite gneiss
52	1350	280	77 41' 0" W	55 23' 42" N	4	0.72	10.61	4.99	14.7	0.0	1.41	0.0	0	Granodiorite gneiss
52	1610	281	77 41' 0" W	55 23' 42" N	4	0.41	8.34	2.49	20.3	0.0	0.93	0.0	0	Granodiorite gneiss
52	1400	282	77 41' 0" W	55 23' 42" N	4	0.77	8.77	4.55	11.4	0.0	1.25	0.0	0	Granodiorite gneiss
52	2600	283	77 41' 0" W	55 23' 42" N	4	0.77	8.72	4.66	11.3	0.0	1.26	0.0	0	Granodiorite gneiss

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	M	U	Th	K	ZCT	HEAT FROD.	DENSITY	AGF	N	ROCK TYPE, ETC.
			LATITUDE	(PPM)	(PPM)	(PPM)	(Z)	ERROR	(MW/m ³)	(Kg/m ³)	(MA)		
LAKE MIFAUT, NORANDA, P.Q.													
53	1	0	79 3' 0'W	48 21' 0'N	3	0.19	0.82	0.32	4.3	0.0	0.14	0.0	0 0
53	2	0	79 3' 0'W	48 21' 0'N	3	0.41	1.49	0.49	3.6	0.0	0.26	0.0	0 0
53	3	0	79 3' 0'W	48 21' 0'N	3	0.30	2.66	0.42	8.9	0.0	0.30	0.0	0 0
53	5	0	79 3' 0'W	48 21' 0'N	3	0.27	0.98	0.39	3.6	0.0	0.18	0.0	0 0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	XCT ERROR (%)	HEAT PROD. (MW/m ³)	DENSITY (Kg/m ³)	AGE (MA)	ROCK TYPE, ETC.
57	964	678	77 14' 18"W	43 51' 48"N	4	5.89	16.40	4.98	2.8	0.0	3.15	0.0	0.0	0
57	954	679	77 14' 18"W	43 51' 48"N	4	1.98	2.99	4.99	1.5	0.0	1.20	0.0	0.0	0
57	968	682	77 14' 18"W	43 51' 48"N	4	3.84	5.66	3.08	1.5	0.0	1.68	0.0	0.0	0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(PPM)	(PPM)	(PPM)	(PPM)	(%)		ERROR	(MW/m ⁻³)	(kg/m ⁻³)	(MA)		
66	1	331	114 25'18"W	62 30'30"N	4	5.69	14.52	2.63	2.6	0.0	2.74	0.0	0.0	0.0	0
66	2	402	114 25'18"W	62 30'30"N	4	4.32	14.95	2.72	3.5	0.0	2.42	0.0	0.0	0.0	0
66	3	332	114 25'18"W	62 30'30"N	4	2.35	4.48	1.52	1.9	0.0	1.07	0.0	0.0	0.0	0
66	4	330	114 25'18"W	62 30'30"N	4	2.92	11.14	2.00	3.8	0.0	1.73	0.0	0.0	0.0	0
66	5	403	114 25'18"W	62 30'30"N	4	4.21	15.87	3.32	3.8	0.0	2.52	0.0	0.0	0.0	0
66	6	405	114 25'18"W	62 30'30"N	4	4.60	15.01	2.82	3.3	0.0	2.51	0.0	0.0	0.0	0
66	7	333	114 25'18"W	62 30'30"N	4	4.92	13.86	2.82	2.8	0.0	2.51	0.0	0.0	0.0	0
66	8	404	114 25'18"W	62 30'30"N	4	3.74	10.02	2.80	2.7	0.0	1.94	0.0	0.0	0.0	0
66	9	401	114 25'18"W	62 30'30"N	4	7.61	13.44	3.36	1.8	0.0	3.23	0.0	0.0	0.0	0
66	10	334	114 25'18"W	62 30'30"N	4	5.24	8.23	1.68	1.6	0.0	2.09	0.0	0.0	0.0	0

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SAMPLE SERIES	SPECT /DEPTH	LOCATION	LONGITUDE	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	ZFT/U ERROR	HEAT FROM ($\Delta H/m^3$)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.	
67	1	412	81 24' 0"W	46 25' 0"N	4	0.36	0.95	0.28	2.6	0.0	0.19	0.0	0.0	GRANITON+SUBURITE
67	2	411	81 5' 0"W	46 30' 0"N	4	0.94	4.98	0.58	5.3	0.0	0.65	0.0	0.0	CREIGHTON GRANITE
67	3	406	81 5' 0"W	46 30' 0"N	4	5.09	28.02	4.23	5.5	0.0	3.69	0.0	0.0	GRANITE GNEISS
67	4	433	81 5' 0"W	46 30' 0"N	4	10.20	38.02	3.40	3.7	0.0	5.63	0.0	0.0	ANORTHOSITIC GABBRO
67	5	418	81 28' 0"W	46 26' 0"N	4	0.17	0.88	0.35	5.2	0.0	0.14	0.0	0.0	GREENSTONE
67	6	417	80 46' 0"W	46 39' 0"N	4	1.82	5.45	1.15	3.0	0.0	0.96	0.0	0.0	GRANITE GNEISS
67	7	419	80 49' 0"W	46 41' 0"N	4	0.70	10.37	1.17	14.8	0.0	1.02	0.0	0.0	GRANITE GNEISS
67	8	413	81 20' 0"W	46 41' 0"N	4	0.41	3.54	0.79	8.6	0.0	0.43	0.0	0.0	META GABBRO
67	9	420	80 52' 0"W	46 46' 0"N	4	0.36	5.73	1.54	15.9	0.0	0.64	0.0	0.0	META GABBRO+DIORIT
67	10	422	80 52' 0"W	46 46' 0"N	4	0.52	4.38	1.58	8.4	0.0	0.59	0.0	0.0	META SEDIMENTS
67	11	416	81 4' 0"W	46 26' 0"N	4	2.97	6.45	0.86	2.2	0.0	1.30	0.0	0.0	GABBRO
67	12	421	81 21' 0"W	46 39' 0"N	4	0.18	0.56	0.31	3.1	0.0	0.12	0.0	0.0	L347 DIORITE
67	13	408	81 20' 18"W	46 39' 8"N	4	0.50	4.00	0.69	8.0	0.0	0.48	0.0	0.0	GABBRO
67	14	414	81 6' 0"W	46 45' 0"H	4	0.65	7.21	1.62	11.1	0.0	0.83	0.0	0.0	GNEISS BIOTITE
67	15	409	0 0' 0"W	0 0' 0"N	4	6.46	29.56	3.61	4.6	0.0	4.09	0.0	0.0	GNEISS AUGITE
67	16	410	81 0' 0"W	46 34' 0"N	4	0.76	3.59	1.92	4.7	0.0	0.63	0.0	0.0	
67	900001	576	81 20' 18"W	46 39' 8"N	4	1.20	4.97	0.96	4.1	0.0	0.66	0.0	0.0	
67	900003	574	81 20' 18"W	46 39' 8"N	4	0.83	2.92	1.03	3.5	0.0	0.52	0.0	0.0	
67	900004	564	81 20' 18"W	46 39' 8"N	4	3.86	16.69	3.36	4.3	0.0	2.49	0.0	0.0	
67	900005	575	81 20' 18"W	46 39' 8"N	4	4.27	28.23	3.30	6.6	0.0	3.40	0.0	0.0	
67	900006	572	81 20' 18"W	46 39' 8"N	4	3.71	16.52	3.17	4.5	0.0	2.42	0.0	0.0	
67	900007	580	81 20' 18"W	46 39' 8"N	4	3.21	13.98	1.87	4.4	0.0	1.99	0.0	0.0	
67	900008	590	81 20' 18"W	46 39' 8"N	4	1.46	6.51	1.08	4.5	0.0	0.94	0.0	0.0	
67	900009	570	81 20' 18"W	46 39' 8"N	4	1.38	5.70	1.29	4.1	0.0	0.88	0.0	0.0	
67	900010	585	81 20' 18"W	46 39' 8"N	4	1.03	4.60	1.08	4.5	0.0	0.69	0.0	0.0	
67	900011	587	81 20' 18"W	46 39' 8"N	4	1.05	4.56	1.01	4.3	0.0	0.69	0.0	0.0	
67	95700	568	81 20' 18"W	46 39' 8"N	4	1.20	5.15	1.04	4.3	0.0	0.77	0.0	0.0	

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	Th/U	XCT	HEAT FROB.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(PPM)	(PPM)	(PPM)	(PPM)	(%)	ERROR	(MW/m ⁻³)	(Kg/m ⁻³)	(MA)			
69	1	264	74 21' 0" W	49 53' 6" N	4	0.06	0.11	0.03	1.8	0.0	0.03	0.0	0.0	0.0	0
69	2	263	74 21' 0" W	49 53' 6" N	4	0.13	0.31	0.25	2.4	0.0	0.08	0.0	0.0	0.0	0
69	4	267	74 21' 0" W	49 53' 6" N	4	0.09	0.31	0.34	3.4	0.0	0.08	0.0	0.0	0.0	0
69	5	268	74 21' 0" W	49 53' 6" N	1	0.14	0.32	0.36	2.3	0.0	0.09	0.0	0.0	0.0	0
69	6	270	74 21' 0" W	49 53' 6" N	4	0.10	0.27	0.07	2.7	0.0	0.05	0.0	0.0	0.0	0
69	7	271	74 21' 0" W	49 53' 6" N	4	0.09	0.25	0.22	2.8	0.0	0.06	0.0	0.0	0.0	0

A DENSITY OF 2670 Kg/m⁻³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROB. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	Th/U (%)	%CT ERROR	HEAT PROD. ($\mu\text{W/m}^2\text{s}$)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
72	1	363	117 11' 13" W	49 9' 3" N	1	4.43	0.22	0.04	0.0	0.0	1.16	0.0	0.0	0.0	COMPOSITE SAMPLE
72	2	351	117 11' 13" W	49 9' 3" N	1	1.82	0.41	0.09	0.2	0.0	0.51	0.0	0.0	0.0	COMPOSITE SAMPLE
72	3	354	117 11' 13" W	49 9' 3" N	1	0.79	0.16	0.02	0.2	0.0	0.22	0.0	0.0	0.0	COMPOSITE SAMPLE
72	5	355	117 11' 13" W	49 9' 3" N	1	1.91	9.43	2.36	4.9	0.0	1.38	0.0	0.0	0.0	COMPOSITE SAMPLE
72	6	368	117 11' 13" W	49 9' 3" N	1	2.37	13.78	2.37	5.8	0.0	1.81	0.0	0.0	0.0	COMPOSITE SAMPLE
72	7	367	117 11' 13" W	49 9' 3" N	1	4.95	5.50	1.08	1.1	0.0	1.76	0.0	0.0	0.0	LIMESTONE+DOL.OMITE
72	8	366	117 11' 13" W	49 9' 3" N	1	6.28	9.34	1.92	1.5	0.0	2.46	0.0	0.0	0.0	ARGILLITE COMP.
72	9	365	117 11' 13" W	49 9' 3" N	1	6.52	4.39	2.18	0.7	0.0	2.19	0.0	0.0	0.0	ARGILLITE COMP.
72	10	352	117 11' 13" W	49 9' 3" N	1	7.36	7.86	2.62	1.1	0.0	2.70	0.0	0.0	0.0	COMPOSITE SAMPLE
72	11	343	117 11' 13" W	49 9' 3" N	1	8.70	11.29	3.12	1.3	0.0	3.33	0.0	0.0	0.0	COMPOSITE SAMPLE
72	12	349	117 11' 13" W	49 9' 3" N	1	7.75	6.36	1.91	0.8	0.0	2.62	0.0	0.0	0.0	COMPOSITE SAMPLE
72	13	344	117 11' 13" W	49 9' 3" N	1	9.07	6.77	2.39	0.7	0.0	3.04	0.0	0.0	0.0	COMPOSITE SAMPLE
72	14	350	117 11' 13" W	49 9' 3" N	1	14.41	10.09	3.33	0.7	0.0	4.73	0.0	0.0	0.0	COMPOSITE SAMPLE
72	15	353	117 11' 13" W	49 9' 3" N	1	8.66	11.39	4.32	1.3	0.0	3.44	0.0	0.0	0.0	COMPOSITE SAMPLE
72	16	397	117 11' 13" W	49 9' 3" N	1	7.77	6.85	3.27	0.9	0.0	2.79	0.0	0.0	0.0	COMPOSITE SAMPLE
72	17	398	117 11' 13" W	49 9' 3" N	1	10.37	2.91	0.3	0.0	0.0	2.97	0.0	0.0	0.0	COMPOSITE SAMPLE
72	18	347	117 11' 13" W	49 9' 3" N	1	4.33	0.63	0.16	0.1	0.0	1.17	0.0	0.0	0.0	COMPOSITE SAMPLE
72	19	348	117 11' 13" W	49 9' 3" N	1	3.05	0.30	0.04	0.1	0.0	0.81	0.0	0.0	0.0	COMPOSITE SAMPLE
72	20	399	117 11' 13" W	49 9' 3" N	1	7.30	2.07	0.95	0.3	0.0	2.11	0.0	0.0	0.0	COMPOSITE SAMPLE

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HFAT FROM. IF THE INTENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	ZCT	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(PPM)	(PPM)	(PPM)	(PPM)	(%)	(μW/m²³)	(Kg/m²³)	(MA)			
74	1	297	116 51'18"W	49 45'18"N	1	1.31	1.43	1.22	1.1	0.0	0.55	0.0	0.0	COMPOSITE SAMPLE
74	2	300	116 51'18"W	49 45'18"N	1	1.56	1.61	3.84	1.0	0.0	0.88	0.0	0.0	COMPOSITE SAMPLE
74	3	299	116 51'18"W	49 45'18"N	1	3.93	9.97	2.90	2.5	0.0	1.99	0.0	0.0	COMPOSITE SAMPLE
74	4	304	116 51'18"W	49 45'18"N	1	3.43	11.78	2.90	3.4	0.0	1.99	0.0	0.0	COMPOSITE SAMPLE
74	5	298	116 51'18"W	49 45'18"N	1	2.88	8.90	2.00	3.1	0.0	1.56	0.0	0.0	COMPOSITE SAMPLE
74	6	308	116 51'18"W	49 45'18"N	1	1.20	4.37	1.55	3.6	0.0	0.76	0.0	0.0	COMPOSITE SAMPLE
74	7	302	116 51'18"W	49 45'18"N	1	3.84	15.59	3.31	4.1	0.0	2.40	0.0	0.0	COMPOSITE SAMPLE
74	8	303	116 51'18"W	49 45'18"N	1	3.1	13.93	3.15	4.5	0.0	2.08	0.0	0.0	COMPOSITE SAMPLE
74	9	305	116 51'18"W	49 45'18"N	1	3.61	5.94	2.02	1.6	0.0	1.54	0.0	0.0	COMPOSITE SAMPLE
74	10	301	116 51'18"W	49 45'18"N	1	4.37	12.20	2.30	2.8	0.0	2.20	0.0	0.0	COMPOSITE SAMPLE
74	11	307	116 51'18"W	49 45'18"N	1	2.04	6.45	1.23	3.2	0.0	1.10	0.0	0.0	COMPOSITE SAMPLE

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT ERROR	HEAT PROD. (mW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
SCHAFT CREEK															
78	1	0	131° 0' W	57° 21' 0" N	4	2.77	5.40	2.22	1.9	0.0	1.31	0.0	0.0	0.0	0
78	2	0	131° 0' W	57° 21' 0" N	4	2.90	5.39	2.83	1.9	0.0	1.40	0.0	0.0	0.0	0
78	3	0	131° 0' W	57° 21' 0" N	4	2.84	4.50	1.52	1.6	0.0	1.19	0.0	0.0	0.0	0
78	4	0	131° 0' W	57° 21' 0" N	4	2.59	4.54	2.77	1.8	0.0	1.25	0.0	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	M	U (ppm)	Th (ppm)	K (%)	Th/U ERROR	%CT ERROR	HEAT PROD. ($\mu\text{W}/\text{m}^3$)	DENSITY (Kg/m^3)	AGE (MA)	ROCK TYPE, ETC.
MCLEEESE LAKE													
80	1	0	122 17' 0'W	52 31' 0'N	0	1.23	1.38	1.21	1.1	4.0	0.53	0.0	0.0
80	2	0	122 17' 0'W	52 31' 0'N	0	1.20	1.32	1.63	1.1	5.7	0.56	0.0	0.0
80	3	-	122 17' 0'W	52 31' 0'N	0	1.14	2.54	1.06	2.2	2.0	0.57	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LONGITUDE	LATITUDE	M	U (PPM)	Th (PPM)	K (%)	Th/U FRROR	%CT FRROR	HEAT FROD. ($\mu\text{W}/\text{m}^2$)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
82	5117	539	106 32' 30" W	58 19' 30" N	4	3.87	7.45	1.90	1.9	0.0	1.70	0.0	0.0	0	0	*METAMORPHIC
82	5097	542	106 32' 30" W	58 19' 30" N	4	0.66	2.67	1.01	4.0	0.0	0.45	0.0	0.0	0	0	GRANITE.
82	4928	541	106 32' 30" W	58 19' 30" N	4	19.63	22.64	4.90	1.2	0.0	7.13	0.0	0.0	0	0	

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE SPECT	LOCATION	LATITUDE	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT HEAT FROM. (Kg/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
RED LAKE, ONTARIO											
83	1	94 12'	0°W	51	0' 0"N	0	1.81	5.79	2.10	3.2	0.0
83	2	94 12'	0°W	51	0' 0"N	0	0.26	0.86	0.31	3.3	0.0
83	3	94 12'	0°W	51	0' 0"N	0	1.45	4.80	1.02	3.3	0.0
83	4	94 12'	0°W	51	0' 0"N	0	1.02	2.82	1.11	2.8	0.0
83	5	94 12'	0°W	51	0' 0"N	0	1.42	4.67	1.15	3.3	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROM. IF THE DENSITY IS UNKNOWN

SITE / SAMPLE SERIES	SPECT /DEPTH	LOCATION LONGITUDE LATITUDE	U (PPM)	Th (PPM)	K (PPM)	Th/U ERROR (%)	%CT ERROR (%)	HEAT PROD. (uW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
84 100001	471	85 50'54"W 49 10'36"N	4	1.43	5.33	0.53	3.7	0.0	0.79	0.0	0.0 0
84 100002	474	85 50'54"W 49 10'36"N	4	1.69	5.92	1.23	3.5	0.0	0.97	0.0	0.0 0
84 100003	480	85 50'54"W 49 10'36"N	4	2.72	4.55	2.42	1.7	0.0	1.25	0.0	0.0 0
84 100004	469	85 50'54"W 49 10'36"N	4	2.41	5.24	2.18	2.2	0.0	1.20	0.0	0.0 0
84 100005	492	85 50'54"W 49 10'36"N	4	1.82	5.84	2.28	3.2	0.0	1.10	0.0	0.0 0
84 200001	513	85 48'36"W 49 11'12"N	4	1.67	6.79	1.55	4.1	0.0	1.06	0.0	0.0 0
84 200002	512	85 48'36"W 49 11'12"N	4	1.10	7.67	0.74	7.0	0.0	0.89	0.0	0.0 0
84 200003	514	85 48'36"W 49 11'12"N	4	1.52	6.80	1.40	4.5	0.0	1.00	0.0	0.0 0
84 200004	498	85 48'36"W 49 11'12"N	4	1.05	6.49	1.77	6.2	0.0	0.90	0.0	0.0 0
84 200005	516	85 48'36"W 49 11'12"N	4	1.45	5.72	1.07	3.9	0.0	0.88	0.0	0.0 0
84 200006	500	85 48'36"W 49 11'12"N	4	1.08	4.76	1.74	4.4	0.0	0.78	0.0	0.0 0
84 200007	505	85 48'36"W 49 11'12"N	4	2.18	7.47	1.66	3.4	0.0	1.25	0.0	0.0 0
84 200008	465	85 48'36"W 49 11'12"N	4	1.14	4.72	1.50	4.1	0.0	0.77	0.0	0.0 0
84 200009	451	85 48'36"W 49 11'12"N	4	1.81	7.98	1.64	4.4	0.0	1.18	0.0	0.0 0
84 200010	459	85 48'36"W 49 11'12"N	4	1.49	7.79	1.51	5.2	0.0	1.08	0.0	0.0 0
84 200011	455	85 48'36"W 49 11'12"N	4	4.20	6.47	2.00	1.5	0.0	1.73	0.0	0.0 0
84 200012	466	85 48'36"W 49 11'12"N	4	1.48	6.90	1.47	4.7	0.0	1.01	0.0	0.0 0
84 200013	460	85 48'36"W 49 11'12"N	4	2.26	9.56	1.84	4.2	0.0	1.43	0.0	0.0 0
84 200014	461	85 48'36"W 49 11'12"N	4	1.38	8.22	1.36	6.0	0.0	1.06	0.0	0.0 0
84 200015	447	85 48'36"W 49 11'12"N	4	1.16	2.24	0.64	1.9	0.0	0.52	0.0	0.0 0
84 200016	462	85 48'36"W 49 11'12"N	4	12.60	4.90	0.87	0.4	0.0	3.67	0.0	0.0 0
84 200017	464	85 48'36"W 49 11'12"N	4	11.11	3.23	5.19	0.3	0.0	3.61	0.0	0.0 0
84 200018	458	85 48'36"W 49 11'12"N	4	0.38	1.29	0.79	3.4	0.0	0.26	0.0	0.0 0
84 200019	452	85 48'36"W 49 11'12"N	4	2.77	5.38	4.37	1.9	0.0	1.51	0.0	0.0 0
84 200020	457	85 48'36"W 49 11'12"N	4	1.33	6.62	2.09	5.0	0.0	1.01	0.0	0.0 0
84 300001	467	85 50'54"W 49 11' 6"N	4	2.91	6.80	1.59	2.3	0.0	1.38	0.0	0.0 0
84 300003	496	85 50'54"W 49 11' 6"N	4	1.90	5.75	1.84	3.0	0.0	1.07	0.0	0.0 0
84 300004	470	85 50'54"W 49 11' 6"N	4	1.47	5.71	1.93	3.9	0.0	0.96	0.0	0.0 0
84 300005	475	85 50'54"W 49 11' 6"N	4	1.74	5.92	2.21	3.4	0.0	1.08	0.0	0.0 0
84 400001	482	85 50'54"W 49 11' 0"N	4	4.55	5.26	0.95	1.2	0.0	1.63	0.0	0.0 0
84 400002	479	85 50'54"W 49 11' 0"N	4	1.35	2.09	0.29	1.5	0.0	0.52	0.0	0.0 0
84 400003	472	85 50'54"W 49 11' 0"N	4	1.13	4.21	1.77	3.7	0.0	0.76	0.0	0.0 0
84 400004	468	85 50'54"W 49 11' 0"N	4	2.49	6.41	2.54	2.4	0.0	1.33	0.0	0.0 0
84 400005	473	85 50'54"W 49 11' 0"N	4	5.32	7.85	1.98	1.5	0.0	2.11	0.0	0.0 0
84 600002	488	85 50'54"W 49 10'48"N	4	11.00	7.05	0.69	0.6	0.0	3.39	0.0	0.0 0
84 600003	490	85 50'54"W 49 10'48"N	4	1.25	5.83	1.05	4.7	0.0	0.83	0.0	0.0 0
84 700001	486	85 50'54"W 49 10'48"N	4	1.38	8.85	1.01	6.4	0.0	1.07	0.0	0.0 0
84 700002	511	85 50'54"W 49 10'48"N	4	3.51	5.58	1.90	1.6	0.0	1.48	0.0	0.0 0
84 700003	481	85 50'54"W 49 10'48"N	4	2.23	6.59	4.33	3.0	0.0	1.45	0.0	0.0 0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROM. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H	U (ppm)	Th (ppm)	K	Th/U	ZCT	HEAT PROF. (uW/m^3)	DENSITY (kg/m^3)	AGF (MA)	N	ROCK TYPE, ETC.
CAMBRIDGE BAY																
85	500	0	105	3.22'N	69° 0.98'W	0	2.38	7.08	2.59	3.0	3.8	1.36	0.0	0.0	0	Granodiorite
85	490	0	105	7.90'N	69° 8.04'W	0	1.29	5.84	4.04	4.5	2.8	1.13	0.0	0.0	0	Granodiorite

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROF. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	%CT ERROR	HEAT PROD. (JW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	ROCK TYPE, ETC.
				(PPM)	(PPM)	(PPM)	(PPM)	(%)					
Britannia Beach													
107	1	0	123 15.74'W	49 22.85'N	0	0.94	1.72	1.25	1.8	0.0	0.48	0.0	0.0
107	2	0	123 14.32'W	49 24.54'N	0	3.14	8.21	3.69	2.6	0.0	1.74	0.0	0.0
107	3	0	123 14.09'W	49 26.46'N	0	0.57	1.06	0.75	1.9	0.0	0.29	0.0	0.0
107	4	0	123 14.75'W	49 29.82'N	0	1.70	3.69	2.60	2.2	0.0	0.95	0.0	0.0
107	5	0	123 14.01'W	49 33.19'N	0	1.43	2.47	1.09	1.7	0.0	0.65	0.0	0.0
107	6	0	123 13.84'W	49 33.74'N	0	1.79	4.14	1.86	2.3	0.0	0.93	0.0	0.0
107	7	0	123 12.41'W	49 37.84'N	0	1.69	3.92	1.00	2.3	0.0	0.81	0.0	0.0
107	8	0	123 10.70'W	49 39.54'N	0	2.05	5.18	2.23	2.5	0.0	1.11	0.0	0.0
107	9	0	123 10.35'W	49 39.72'N	0	2.20	6.21	2.01	2.8	0.0	1.20	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U	XCT ERROR (uW/m ²)	HEAT PROD. (uW/m ²)	DENSITY (KG/m ³)	AGF. (MA)	N ROCK TYPE, ETC.
Rasjarn														
108	1	0	73 15' 0"W	61 40' 0"N	4	0.11	0.38	0.01	3.5	0.0	0.06	0.0	0.0	0.0
108	2	0	73 15' 0"W	61 40' 0"N	0	0.19	0.60	0.01	3.2	0.0	0.09	0.0	0.0	0.0
108	3	0	73 15' 0"W	61 40' 0"N	0	3.79	16.60	3.96	4.4	0.0	2.52	0.0	0.0	0.0
108	4	0	73 15' 0"W	61 40' 0"N	0	0.19	0.60	0.02	3.2	0.0	0.09	0.0	0.0	0.0
108	5	0	73 15' 0"W	61 40' 0"N	0	5.28	18.60	0.08	3.5	0.0	2.68	0.0	0.0	0.0

A DENSITY OF 2670 KG/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (PPM)	Th/U	ZCT ERROR (%)	HEAT PROD. (W/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
Buchans, Newfoundland															
113	1	0	56 50.60'W	48 51.10'N	0	1.26	1.76	1.38	1.4	0.0	0.58	0.0	0.0	0	Dacite composite
113	2	0	56 50.60'W	48 51.10'N	0	1.34	4.47	0.73	3.3	0.0	0.73	0.0	0.0	0	Dacite composite
113	3	0	56 50.60'W	48 51.10'N	0	1.80	7.95	1.72	4.4	0.0	1.19	0.0	0.0	0	Dacite composite
113	5	0	56 54.10'W	48 49.90'N	0	1.83	8.96	3.45	4.9	0.0	1.43	0.0	0.0	0	Dacitic + Andesiti
113	6	0	56 54.10'W	48 49.90'N	0	0.98	2.24	0.39	2.3	0.0	0.45	0.0	0.0	0	Dacitic + Andesiti
113	7	0	56 54.10'W	48 49.90'N	0	0.41	1.58	0.65	3.9	0.0	0.28	0.0	0.0	0	Dacitic + Andesiti
			1350-1450 ft												

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LONGITUDE	LATITUDE	M (μ g/g)	U (μ g/g)	Th (μ g/g)	K (%)	Th/U	%CT ERROR	HEAT PROD. (μ W/m ²)	DENSITY (kg/m ³)	AGE (Ma)	ROCK TYPE, ETC.
Susstut, B.C.															
115	1	0	126 41' 0"W	56 36' 0"N	0	0.71	1.44	0.10	2.0	0.0	0.29	0.0	0.0	0.0	0

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	M	U	Th	K	Th/U	%CT	HEAT FROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
			LONGITUDE	LATITUDE	(PPM)	(PPM)	(Z)		ERROR	(W/m ⁻³)	(Kg/m ⁻³)	(MA)		
Sturgeon Lake, Ontario														
117	1	0	90 53' 0" W	49 53' 0" N	0	1.61	7.21	0.59	4.5	0.0	0.98	0.0	0.0	VOLCANIC
117	2	0	90 53' 0" W	49 53' 0" N	0	1.94	7.18	2.59	3.7	0.0	1.25	0.0	0.0	VOLCANIC

A DENSITY OF 2670 Kg/m⁻³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT ERROR	HEAT FROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(\circ N)	(ppm)	($\mu\text{W/m}^3$)	(kg/m^3)	(MA)							
Getty, Kamloops															
118	801	0	120 28.50' W	50 39.10' N	0	0.24	0.36	0.07	1.5	0.0	0.09	0.0	0.0	0	
118	355	0	120 28.50' W	50 39.10' N	0	0.12	0.31	0.24	2.6	0.0	0.08	0.0	0.0	0	

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT ERROR	HEAT PROD. ($\mu\text{W}/\text{m}^2\text{s}$)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
				($^{\circ}\text{PPM}$)	($^{\circ}\text{PPM}$)	($^{\circ}\text{PPM}$)	($^{\circ}\text{PPM}$)	(%)							
Couihalla															
119	1	2415	121 17.30'W	49 30.70'N	0	0.67	0.76	0.42	1.1	0.0	0.27	0.0	0.0	0.0	0.0
119	2	2416	121 17.30'W	49 30.70'N	0	0.27	0.15	0.61	0.6	0.0	0.14	0.0	0.0	0.0	0.0
119	3	2417	121 17.30'W	49 30.70'N	0	0.59	0.63	0.82	1.1	0.0	0.27	0.0	0.0	0.0	0.0
119	4	2418	121 17.30'W	49 30.70'N	0	0.53	0.49	0.98	0.9	0.0	0.26	0.0	0.0	0.0	0.0
119	5	2419	121 17.30'W	49 30.70'N	0	0.60	0.64	1.19	1.1	0.0	0.31	0.0	0.0	0.0	0.0
119	6	2420	121 17.30'W	49 30.70'N	0	0.99	0.60	1.36	0.6	0.0	0.43	0.0	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	M	U	Th	K	Th/U	%CT ERROR	HFA/T PROB.	DENSITY	AGE (MA)	N	ROCK TYPE, ETC.
			LATITUDE	(PPM)	(PPM)	(PPM)	(%)		(MM/m^3)	(Kg/m^3)				
Nigeria														
121	1	0	8 45.00'E	10 45.00'N	0	15.40	45.20	1.40	2.9	0.0	7.56	0.0	0.0	BIOTITE GRANITE
121	2	0	8 45.00'E	10 45.00'N	0	10.50	38.70	4.65	3.7	0.0	5.87	0.0	0.0	PINK GRANIT/K-SPAR
121	3	0	8 45.00'E	10 45.00'N	0	17.40	77.10	4.32	4.4	0.0	10.37	0.0	0.0	QTZ FELDSPAR GRANI
121	4	0	8 45.00'E	10 45.00'N	0	14.70	45.60	4.16	3.1	0.0	7.42	0.0	0.0	BIOTITE GRANITE
121	5	0	8 45.00'E	10 45.00'N	0	7.45	27.00	4.21	3.6	0.0	4.22	0.0	0.0	QT7 FELDSPAR GRANI

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROB. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(Kg/m^3)	(Ma)		
124	1	1465	120 54'45"W	50 5'31"N	1	12.70	10.80	2.56	0.9	0.0	4.27	0.0	0.0	0	
124	2	1467	120 54'45"W	50 5'31"N	1	14.30	3.90	2.61	0.3	0.0	4.20	0.0	0.0	0	
124	3	1468	120 54'45"W	50 5'31"N	1	53.70	15.40	4.26	0.3	0.0	15.30	0.0	0.0	0	

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	M	U	Th	K	Th/U	ZCT ERROR (μ W/ m^3)	HEAT PROF. (μ W/ m^3)	DENSITY (Kg/ m^3)	AGE (MA)	N	ROCK TYPE, ETC.	
			ZONE EAST	NORTH	(ppm)	(ppm)	(\pm)								
125	1	1469	111	4070	57154	1	9.07	15.90	2.92	1.8	0.0	3.73	0.0	0.0	0

A DENSITY OF 2670 Kg/ m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROF. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	U (PPM)	Th (PPM)	K (Z)	Th/U	ZCT ERROR (uW/m^3)	HFAT FROD. (uW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
Mariner Lowlands													
126	1	0	84 16.70'W	50 1.50'N	0	1.12	3.53	2.34	3.2	0.76	0.0	0.0	0.0
126	2	0	84 16.70'W	50 1.50'N	0	3.02	3.85	2.81	1.3	0.0	1.32	0.0	0.0
126	3	0	84 16.70'W	50 1.50'N	0	3.91	6.46	3.01	1.7	0.0	1.75	0.0	0.0
126	4	0	84 16.70'W	50 1.50'N	0	2.56	9.40	3.53	3.7	0.0	1.66	0.0	0.0
126	5	0	84 16.70'W	50 1.50'N	0	5.52	21.90	4.71	4.0	0.0	3.41	0.0	0.0
126	6	0	84 16.70'W	50 1.50'N	0	7.27	22.80	1.39	3.1	0.0	3.61	0.0	0.0
126	7	0	84 16.70'W	50 1.50'N	0	1.29	4.38	2.40	3.4	0.0	0.87	0.0	0.0
126	8	0	84 16.70'W	50 1.50'N	0	2.61	0.77	0.74	0.3	0.0	0.80	0.0	0.0
126	9	0	84 16.70'W	50 1.50'N	0	1.18	7.98	2.28	6.8	0.0	1.08	0.0	0.0
126	10	0	84 16.70'W	50 1.50'N	0	2.08	3.84	3.83	1.8	0.0	1.17	0.0	0.0
126	11	0	84 16.70'W	50 1.50'N	0	0.91	3.70	3.61	4.1	0.0	0.84	0.0	0.0
126	12	0	84 16.70'W	50 1.50'N	0	8.25	9.04	3.43	1.1	0.0	3.09	0.0	0.0
126	13	0	84 16.70'W	50 1.50'N	0	1.41	5.45	2.12	3.9	0.0	0.95	0.0	0.0
126	14	0	84 16.70'W	50 1.50'N	0	1.29	4.91	1.56	3.9	0.0	0.83	0.0	0.0
126	15	0	84 16.70'W	50 1.50'N	0	1.84	4.75	2.14	2.6	0.0	1.01	0.0	0.0
126	16	0	84 16.70'W	50 1.50'N	0	1.94	5.31	3.94	2.7	0.0	1.25	0.0	0.0
126	17	0	84 16.70'W	50 1.50'N	0	1.27	5.30	2.98	4.2	0.0	0.99	0.0	0.0
126	18	0	84 16.70'W	50 1.50'N	0	1.37	6.17	1.80	4.5	0.0	0.96	0.0	0.0
126	19	0	84 16.70'W	50 1.50'N	0	2.24	7.22	2.39	3.2	0.0	1.31	0.0	0.0
126	20	0	84 16.70'W	50 1.50'N	0	1.78	4.49	2.06	2.5	0.0	0.97	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN DRIFR TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M	U (PPM)	Th (PPM)	K (%)	Th/U	ZCT ERROR	HEAT PROD. (uW/m ³)	DENSITY (Kg/m ³)	AGE (MA)	N	ROCK TYPE, ETC.	
Trout Lake																
129	1	0	117 35.90'W	50 38.30'N	0	5.23	6.92	2.89	1.3	7.5	2.11	0.0	0.0	0.0	0	
129	2	0	117 35.90'W	50 38.30'N	0	6.38	7.19	2.85	1.1	9.6	2.42	0.0	0.0	0.0	0	

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LONGITUDE	LOCATION	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U	ZCT ERROR (%)	HEAT PROD. (MW/m ³)	DENSITY (Kg/m ³)	AGE (MA)	N	ROCK TYPE, ETC.
Thompson, Manitoba																
138	596	2463	97 46.00'W	55 43.50'N	0	0.33	10.00	1.62	30.3	3.8	0.94	0.0	0.0	0.0	0.0	0.0
138	303	2462	97 46.00'W	55 43.50'N	0	0.78	2.77	2.48	3.6	7.0	0.63	0.0	0.0	0.0	0.0	0.0
138	900	2465	97 46.00'W	55 43.50'N	0	0.26	4.46	1.43	17.2	5.0	0.52	0.0	0.0	0.0	0.0	0.0
138	1196	2466	97 46.00'W	55 43.50'N	0	0.33	12.80	3.74	38.8	1.8	1.34	0.0	0.0	0.0	0.0	0.0
138	1495	2467	97 46.00'W	55 43.50'N	0	0.86	32.70	4.06	38.0	2.8	2.91	0.0	0.0	0.0	0.0	0.0
138	1802	2468	97 46.00'W	55 43.50'N	0	0.41	25.70	2.50	62.7	2.3	2.15	0.0	0.0	0.0	0.0	0.0
138	2102	2469	97 46.00'W	55 43.50'N	0	0.08	0.35	0.48	4.4	23.0	0.09	0.0	0.0	0.0	0.0	0.0
138	2403	2470	97 46.00'W	55 43.50'N	0	0.30	5.00	1.27	16.7	4.5	0.55	0.0	0.0	0.0	0.0	0.0
138	2700	2471	97 46.00'W	55 43.50'N	0	0.37	4.60	2.15	12.4	9.1	0.67	0.0	0.0	0.0	0.0	0.0
138	2898	2472	97 46.00'W	55 43.50'N	0	0.69	2.88	1.59	4.2	5.6	0.53	0.0	0.0	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT ERROR	HEAT FROU. (JW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
Polaris, N.W.T.															
157	1	0	96 56' 0'W	75 24'	0'N	0	3.14	3.92	2.18	1.2	4.4	1.29	0.0	0.0	0
157	2	0	96 56' 0'W	75 24'	0'N	0	0.45	0.46	0.15	1.0	4.1	0.16	0.0	0.0	0
157	3	0	96 56' 0'W	75 24'	0'N	0	1.02	3.45	1.80	3.4	5.0	0.68	0.0	0.0	0
157	4	0	96 56' 0'W	75 24'	0'N	0	0.72	1.01	0.46	1.4	5.2	0.30	0.0	0.0	0
157	5	0	96 56' 0'W	75 24'	0'N	0	0.49	0.41	0.11	0.8	6.5	0.17	0.0	0.0	0
157	6	0	96 56' 0'W	75 24'	0'N	0	1.25	0.95	0.40	0.8	4.1	0.43	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROU. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U (ppm)	Th (ppm)	K (%)	Th/U %	%ACT ERROR	HEAT PROD. ($\mu\text{W}/\text{m}^3$)	DENSITY (Kg/m^3)	AGE (Ma)	N	ROCK TYPE, ETC.
159	142	614	121 55'30"W	49 19'24"N	1	0.77	1.77	1.96	2.3	0.0	0.51	0.0	0.0	0	
159	362	613	121 55'30"W	49 19'24"N	1	0.67	1.71	0.31	2.6	0.0	0.32	0.0	0.0	0	
159	565	612	121 55'30"W	49 19'24"N	1	0.61	1.25	0.09	2.0	0.0	0.25	0.0	0.0	0	
159	764	607	121 55'30"W	49 19'24"N	1	0.57	1.09	1.14	1.9	0.0	0.33	0.0	0.0	0	
159	966	611	121 55'30"W	49 19'24"N	1	0.53	1.13	1.14	2.1	0.0	0.32	0.0	0.0	0	
159	1160	610	121 55'30"W	49 19'24"N	1	0.74	1.63	0.67	2.2	0.0	0.37	0.0	0.0	0	
159	1365	609	121 55'30"W	49 19'24"N	1	0.28	0.45	0.10	1.6	0.0	0.11	0.0	0.0	0	
159	1522	608	121 55'30"W	49 19'24"N	1	0.78	0.75	0.06	1.0	0.0	0.26	0.0	0.0	0	

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	Th/U	ZCT ERROR	HEAT PROD. ($\mu\text{W}/\text{m}^2\text{s}$)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
				($^{\circ}\text{N}$)	(PPM)	(PPM)	(PPM)	($\%$)							
Gnat. Lake															
160	1	0	129 49.00'W	58 15.30'N	0	2.60	2.51	3.21	1.0	0.0	1.15	0.0	0.0	0	COMPOSITE SAMPLE
160	2	0	129 49.00'W	58 15.30'N	0	2.26	2.33	2.30	1.0	0.0	0.97	0.0	0.0	0	COMPOSITE SAMPLE
160	3	0	129 49.00'W	58 15.30'N	0	1.86	2.24	4.83	1.2	0.0	1.10	0.0	0.0	0	COMPOSITE SAMPLE

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U ERROR (%)	%CT ERROR (%)	HEAT FROJ. (W/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
161	1	936	120 58'36"W	50 28'27"N	1	1.69	3.06	3.18	1.8	0.0	0.95	0.0	0.0	0	COMPOSITE SAMPLE
161	2	946	120 58'36"W	50 28'27"N	1	2.35	3.71	2.72	1.6	0.0	1.13	0.0	0.0	0	COMPOSITE SAMPLE
161	3	947	120 58'36"W	50 28'27"N	1	1.86	3.30	1.97	1.8	0.0	0.90	0.0	0.0	0	COMPOSITE SAMPLE
161	4	943	120 58'36"W	50 28'27"N	1	2.25	3.53	1.90	1.6	0.0	1.01	0.0	0.0	0	COMPOSITE SAMPLE
161	5	939	120 58'36"W	50 28'27"N	1	1.10	1.15	1.51	1.0	0.0	0.51	0.0	0.0	0	COMPOSITE SAMPLE
161	6	940	120 58'36"W	50 28'27"N	1	1.21	1.34	1.03	1.1	0.0	0.50	0.0	0.0	0	COMPOSITE SAMPLE

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROJ. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	M	U (ppm)	Th (ppm)	K (\pm)	Th/U	XCT ERROR (μ m/m ³)	HEAT PROD. (μ W/m ³)	DENSITY (kg/m ³)	AGE (Ma)	ROCK TYPE, ETC.	
162	1	913	119 48'15"W	51 31' 5"N	1	2.42	7.33	0.97	3.0	0.0	1.23	0.0	0.0	0

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	Th/U	%CT	HFAT PROD.	INTENSITY	AGE N	ROCK TYPE, ETC.
				(°N)	(PPM)	(PPM)	(PPM)	(Z)	ERROR	(MM/m^3)	(Kg/m^3)	(MA)		
Myra Creek														
163	200123	0	125 35.20'W	49 34.30'N	0	0.55	1.18	0.07	2.1	0.0	0.23	0.0	0.0	0.0
163	200290	0	125 35.20'W	49 34.30'N	0	0.65	1.39	0.24	2.1	0.0	0.29	0.0	0.0	0.0
163	200426	0	125 35.20'W	49 34.30'N	0	0.55	1.24	0.03	2.3	0.0	0.23	0.0	0.0	0.0
163	200509	0	125 35.20'W	49 34.30'N	0	1.77	2.99	2.51	1.7	0.0	0.91	0.0	0.0	0.0
163	200636	0	125 35.20'W	49 34.30'N	0	1.66	2.68	0.62	1.6	0.0	0.67	0.0	0.0	0.0
163	200706	0	125 35.20'W	49 34.30'N	0	1.97	1.79	1.01	0.9	0.0	0.73	0.0	0.0	0.0
163	201032	0	125 35.20'W	49 34.30'N	0	0.95	1.85	0.63	1.9	0.0	0.43	0.0	0.0	0.0
163	201295	0	125 35.20'W	49 34.30'N	0	1.11	2.04	0.45	1.8	0.0	0.47	0.0	0.0	0.0
163	100001	0	125 36.60'W	49 34.60'N	0	1.03	2.91	1.19	2.8	0.0	0.58	0.0	0.0	0.0
163	100488	0	125 36.60'W	49 34.60'N	0	0.47	0.85	0.85	1.8	0.0	0.26	0.0	0.0	0.0
163	100708	0	125 36.60'W	49 34.60'N	0	0.56	0.88	0.31	1.6	0.0	0.24	0.0	0.0	0.0
163	100933	0	125 36.60'W	49 34.60'N	0	0.46	0.84	0.38	1.8	0.0	0.21	0.0	0.0	0.0
163	101087	0	125 36.60'W	49 34.60'N	0	0.52	2.12	0.46	4.1	0.0	0.33	0.0	0.0	0.0
163	101278	0	125 36.60'W	49 34.60'N	0	0.71	1.85	2.29	2.6	0.0	0.53	0.0	0.0	0.0
163	101469	0	125 36.60'W	49 34.60'N	0	0.43	1.00	1.00	2.3	0.0	0.28	0.0	0.0	0.0
163	101631	0	125 36.60'W	49 34.60'N	0	1.01	2.45	1.90	2.4	0.0	0.61	0.0	0.0	0.0
163	101873	0	125 36.60'W	49 34.60'N	0	1.17	2.63	1.03	2.2	0.0	0.58	0.0	0.0	0.0
163	102072	0	125 36.60'W	49 34.60'N	0	0.85	1.36	1.45	1.6	0.0	0.45	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE INTENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LATITUFF	H (ppm)	U (ppm)	Th (ppm)	K (%)	Th/U ERROR	ZCT ERROR	HEAT PROD. ($\mu\text{W}/\text{m}^2$)	DENSITY (kg/m^3)	AGE (MA)	ROCK TYPE, ETC.
<i>Massie, Bonaparte R.</i>															
184	1	0	121 24.60'W	50	54.30'N	0	1.92	2.54	1.71	1.3	0.0	0.84	0.0	0.0	0.0
184	2	0	121 24.60'W	50	54.30'N	0	2.09	4.19	2.18	2.0	0.0	1.04	0.0	0.0	0.0
184	3	0	121 24.60'W	50	54.30'N	0	1.03	2.48	2.08	2.4	0.0	0.64	0.0	0.0	0.0
184	4	0	121 24.60'W	50	54.30'N	0	0.94	2.72	3.59	2.9	0.0	0.78	0.0	0.0	0.0
184	5	0	121 24.60'W	50	54.30'N	0	1.60	3.16	2.35	2.0	0.0	0.86	0.0	0.0	0.0
184	6	0	121 24.60'W	50	54.30'N	0	1.66	3.16	3.42	1.9	0.0	0.98	0.0	0.0	0.0
184	7	0	121 24.60'W	50	54.30'N	0	1.18	2.59	3.98	2.2	0.0	0.87	0.0	0.0	0.0

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U	%CT ERROR	HEAT PROD. (uW/m ²)	DENSITY (Kg/m ³)	AGE (MA)	N ROCK TYPE, ETC.	
Endako															
186	1	0	125	7.50'W	54	4.50'N	0	2.35	6.37	2.22	2.7	0.0	1.27	0.0	0.0
186	2	0	125	7.50'W	54	4.50'N	0	2.77	12.50	3.62	4.5	0.0	1.94	0.0	0.0
186	3	0	125	7.50'W	54	4.50'N	0	3.21	9.33	3.87	2.9	0.0	1.85	0.0	0.0
186	4	0	125	7.50'W	54	4.50'N	0	3.45	11.89	3.57	3.4	0.0	2.07	0.0	0.0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
					(PPM)	(PPM)	(PPM)	(Z)		ERROR	(uW/m ⁻³)	(Kg/m ⁻³)	(MA)		
Ruby Creek															
188	1	0	133 24.10'W	59 42.80'N	0	16.20	37.30	4.01	2.3	0.0	7.18	0.0	0.0	0.0	0
188	2	0	133 24.10'W	59 42.80'N	0	8.83	23.20	3.52	2.6	0.0	4.24	0.0	0.0	0.0	0
188	3	0	133 24.10'W	59 42.80'N	0	18.20	37.50	4.03	2.1	0.0	7.71	0.0	0.0	0.0	0
188	4	0	133 24.10'W	59 42.80'N	0	19.10	30.30	4.28	1.6	0.0	7.46	0.0	0.0	0.0	0
188	5	0	133 24.10'W	59 42.80'N	0	7.50	33.00	4.16	4.4	0.0	4.65	0.0	0.0	0.0	0
188	6	0	133 24.10'W	59 42.80'N	0	21.80	37.00	3.88	1.7	0.0	8.58	0.0	0.0	0.0	0
188	7	0	133 24.10'W	59 42.80'N	0	13.90	22.40	3.64	1.6	0.0	5.50	0.0	0.0	0.0	0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U (PPM)	Th (PPM)	K (%)	Th/U	ZCT	HEAT PROD. (W/m ³)	DENSITY (kg/m ³)	AGE (MA)	N ROCK TYPE, ETC.
301	100020	1182	123 27' 42"W	50 34' 33"N	1	1.65	3.63	1.42	2.2	0.0	0.82	0.0	0.0	0
301	200059	1177	123 27' 42"W	50 34' 33"N	1	1.29	2.91	1.16	2.3	0.0	0.65	0.0	0.0	0

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	NORTH	M	U	Th	K	Th/U	%CT	HEAT FROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
			ZONE	EAST	(PPM)	(PPM)	(PPM)	(PPM)	(%)	ERROR	(MM/m^3)	(Kg/m^3)	(MA)		
OWL CREEK															
302	82	1490	'10U	5116	55858	1	0.28	0.31	0.36	1.1	0.0	0.13	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H	U	Th	K	Th/U	ZCT	HEAT FRO. F.R.ROR	DENSITY	AGE (MA)	N ROCK TYPE, ETC.
						(PPM)	(PPM)	(PPM)	(%)			(m/m^3)	(kg/m^3)		
LILL.00FT															
303	100213	1729	123 23.80'W	50 37.80'N	2	1.35	2.31	0.82	1.7	0.0	0.59	0.0	0.0	0.0	0.0
303	100349	1730	123 23.80'W	50 37.80'N	2	1.31	2.17	0.28	1.7	0.0	0.52	0.0	0.0	0.0	0.0
303	100470	1732	123 23.80'W	50 37.80'N	2	1.24	1.92	0.16	1.5	0.0	0.47	0.0	0.0	0.0	0.0
303	100629	1733	123 23.80'W	50 37.80'N	2	0.85	2.26	1.15	2.7	0.0	0.49	0.0	0.0	0.0	0.0
303	100699	1734	123 23.80'W	50 37.80'N	2	1.35	1.84	0.35	1.4	0.0	0.51	0.0	0.0	0.0	0.0
303	100093	1748	123 23.80'W	50 37.80'N	2	1.66	2.16	0.46	1.3	0.0	0.62	0.0	0.0	0.0	0.0
303	200030	1749	123 16.80'W	50 34.80'N	2	2.60	5.52	0.61	2.1	0.0	1.12	0.0	0.0	0.0	0.0
303	200121	1750	123 16.80'W	50 34.80'N	2	1.99	5.53	2.40	2.8	0.0	1.13	0.0	0.0	0.0	0.0
303	200209	1751	123 16.80'W	50 34.80'N	2	2.47	5.91	2.79	2.4	0.0	1.32	0.0	0.0	0.0	0.0
303	200335	1752	123 16.80'W	50 34.80'N	2	2.56	6.56	2.58	2.6	0.0	1.37	0.0	0.0	0.0	0.0
303	200358	1753	123 16.80'W	50 34.80'N	2	2.11	4.76	0.27	2.3	0.0	0.90	0.0	0.0	0.0	0.0
303	200507	1754	123 16.80'W	50 34.80'N	2	1.91	4.80	2.92	2.5	0.0	1.11	0.0	0.0	0.0	0.0
303	200532	1755	123 16.80'W	50 34.80'N	2	1.26	2.74	1.10	2.2	0.0	0.62	0.0	0.0	0.0	0.0
303	200608	1757	123 16.80'W	50 34.80'N	2	2.22	5.50	2.61	2.5	0.0	1.21	0.0	0.0	0.0	0.0

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FRO. IF THF DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	%CT ERROR	HEAT PROD. (UW/m ³)	DENSITY (KG/m ³)	AGE (MA)	N ROCK TYPE, ETC.
SQUAMISH RIVER													
304	200068	1741	123 22.00'W	50 6.40'N	2 1.31	2.42	0.68	1.8	0.0	0.57	0.0	0.0	0.0
304	100111	1736	123 23.60'W	50 7.30'N	2 0.75	4.14	1.06	5.5	0.0	0.59	0.0	0.0	0.0
304	100222	1737	123 23.60'W	50 7.30'N	2 0.72	5.47	1.15	7.6	0.0	0.68	0.0	0.0	0.0
304	100251	1738	123 23.60'W	50 7.30'N	2 0.71	2.06	0.69	2.9	0.0	0.39	0.0	0.0	0.0
304	100554	1739	123 23.60'W	50 7.30'N	2 2.36	7.32	1.58	3.1	0.0	1.27	0.0	0.0	0.0
304	100642	1740	123 23.60'W	50 7.30'N	2 2.34	6.13	1.87	2.6	0.0	1.21	0.0	0.0	0.0
304	200287	1742	123 22.00'W	50 6.40'N	2 2.04	5.52	0.96	2.7	0.0	1.01	0.0	0.0	0.0
304	200418	1743	123 22.00'W	50 6.40'N	2 2.44	5.30	1.11	2.2	0.0	1.11	0.0	0.0	0.0
304	200553	1745	123 22.00'W	50 6.40'N	2 1.62	5.44	2.70	3.4	0.0	1.06	0.0	0.0	0.0
304	200695	1746	123 22.00'W	50 6.40'N	2 2.87	5.47	1.52	1.9	0.0	1.27	0.0	0.0	0.0
304	200799	1749	123 22.00'W	50 6.40'N	2 1.50	5.87	0.97	3.9	0.0	0.89	0.0	0.0	0.0

A DENSITY OF 2670 KG/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	Th/U	ZCT	HEAT FROD. (JW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
				(°Fm)	(°Fm)	(°Fm)	(°Fm)	(%)	(%)	ERROR					
Burrell Creek															
305	100045	1834	118	25.40'W	49	26.20'N	2	11.30	46.20	4.76	4.1	0.0	6.62	0.0	0
305	100193	1862	118	25.40'W	49	26.20'N	2	8.69	30.70	5.32	3.5	0.0	4.91	0.0	0
305	100293	1832	118	25.40'W	49	26.20'N	2	6.51	37.10	5.82	5.7	0.0	4.84	0.0	0
305	100395	1840	118	25.40'W	49	26.20'N	2	6.17	23.90	4.39	3.9	0.0	3.69	0.0	0
305	100488	1837	118	25.40'W	49	26.20'N	2	6.00	30.60	5.04	5.1	0.0	4.18	0.0	0
305	100564	1836	118	25.40'W	49	26.20'N	2	5.22	18.70	4.97	3.6	0.0	3.14	0.0	0
305	100662	1835	118	25.40'W	49	26.20'N	2	9.39	36.20	4.99	3.9	0.0	5.44	0.0	0
305	100757	1848	118	25.40'W	49	26.20'N	2	10.18	37.80	4.89	3.7	0.0	5.75	0.0	0
305	100863	1850	118	25.40'W	49	26.20'N	2	7.66	29.40	5.26	3.8	0.0	4.54	0.0	0
305	100946	1852	118	25.40'W	49	26.20'N	2	6.05	27.40	5.25	4.5	0.0	3.99	0.0	0
305	101025	1842	118	25.40'W	49	26.20'N	2	7.41	32.10	5.37	4.3	0.0	4.68	0.0	0
305	101097	1844	118	25.40'W	49	26.20'N	2	6.30	23.70	5.27	3.8	0.0	3.79	0.0	0
305	101195	1845	118	25.40'W	49	26.20'N	2	5.02	17.80	4.34	3.5	0.0	2.96	0.0	0
305	101252	1846	118	25.40'W	49	26.20'N	2	7.69	29.60	5.64	3.8	0.0	4.60	0.0	0
305	101367	1849	118	25.40'W	49	26.20'N	2	14.30	57.20	5.44	4.0	0.0	6.23	0.0	0
305	101454	1854	118	25.40'W	49	26.20'N	2	7.00	23.90	5.67	3.4	0.0	4.03	0.0	0
305	100001	1838	118	25.40'W	49	26.20'N	2	7.35	22.20	4.91	3.0	0.0	3.92	0.0	0
305	100002	1841	118	25.40'W	49	26.20'N	2	12.30	76.30	4.54	6.2	0.0	8.97	0.0	0
305	100003	1839	118	25.40'W	49	26.20'N	2	5.56	35.00	5.28	6.3	0.0	4.40	0.0	0
Granby River															
305	200001	1865	118	31.10'W	49	25.10'N	2	1.26	4.11	4.83	3.3	0.0	1.08	0.0	0
305	200002	1863	118	31.10'W	49	25.10'N	2	2.72	10.70	3.31	3.9	0.0	1.77	0.0	0
305	200003	1868	118	31.10'W	49	25.10'N	2	1.48	4.25	3.50	2.9	0.0	1.01	0.0	0
305	200004	1866	118	31.10'W	49	25.10'N	2	4.69	59.30	4.57	12.6	0.0	5.82	0.0	0
305	200005	1913	118	31.10'W	49	25.10'N	2	2.12	7.44	3.91	3.5	0.0	1.44	0.0	0
305	200101	1874	118	31.10'W	49	25.10'N	2	1.42	5.41	4.42	3.8	0.0	1.17	0.0	0
305	200214	1878	118	31.10'W	49	25.10'N	2	2.02	6.93	4.60	3.4	0.0	1.45	0.0	0
305	200277	1871	118	31.10'W	49	25.10'N	2	5.12	29.50	4.87	5.8	0.0	3.86	0.0	0
305	200406	1872	118	31.10'W	49	25.10'N	2	2.37	7.99	4.53	3.4	0.0	1.61	0.0	0
305	200515	1876	118	31.10'W	49	25.10'N	2	2.27	6.82	4.24	3.0	0.0	1.47	0.0	0
305	200610	1921	118	31.10'W	49	25.10'N	2	2.73	7.78	4.59	2.8	0.0	1.69	0.0	0
305	200802	1870	118	31.10'W	49	25.10'N	2	1.42	4.52	5.13	3.2	0.0	1.17	0.0	0
305	200866	1843	118	31.10'W	49	25.10'N	2	2.04	3.09	4.67	1.5	0.0	1.19	0.0	0
305	200891	1867	118	31.10'W	49	25.10'N	2	8.90	52.80	4.90	5.9	0.0	6.48	0.0	0
305	200927	1858	118	31.10'W	49	25.10'N	2	1.65	4.98	5.07	3.0	0.0	1.26	0.0	0
305	201004	1856	118	31.10'W	49	25.10'N	2	1.62	5.00	4.99	3.1	0.0	1.25	0.0	0
305	201097	1860	118	31.10'W	49	25.10'N	2	1.32	6.43	4.81	4.9	0.0	1.25	0.0	0
305	201208	1917	118	31.10'W	49	25.10'N	2	1.81	5.09	5.48	2.8	0.0	1.35	0.0	0
305	201414	1864	118	31.10'W	49	25.10'N	2	1.84	7.91	4.92	4.3	0.0	1.50	0.0	0
305	201465	1869	118	31.10'W	49	25.10'N	2	8.07	50.70	4.65	6.3	0.0	6.09	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	M (PPM)	U (PPM)	Th (PPM)	K (PPM)	Th/U	ZCT ERROR	HEAT FROD. (mW/m ³)	DENSITY (Kg/m ³)	AGE (MA)	ROCK TYPE, ETC.
Paynter Lake															
310	0	0	119 47.20'W	49 57.50'N	2	3.75	8.78	2.61	2.3	9.2	1.83	0.0	0.0	0.0	Hb-Ri Granodiorite
310	1000119	0	119 47.20'W	49 57.50'N	2	4.02	4.56	2.87	1.1	14.1	1.63	0.0	0.0	0.0	Qtzmonz Granite
310	1000213	0	119 47.20'W	49 57.50'N	2	4.10	9.01	2.85	2.2	6.2	1.96	0.0	0.0	0.0	Qtz monzonite
310	1000291	0	119 47.20'W	49 57.50'N	2	3.29	5.95	2.91	1.8	14.6	1.54	0.0	0.0	0.0	Qtz monzonite
310	100397	0	119 47.20'W	49 57.50'N	2	2.32	5.68	2.63	2.4	18.2	1.25	0.0	0.0	0.0	Granite
310	100502	0	119 47.20'W	49 57.50'N	2	3.16	6.68	2.69	2.1	16.0	1.53	0.0	0.0	0.0	Qtz Monzonite
310	100604	0	119 47.20'W	49 57.50'N	2	3.97	8.97	3.06	2.3	8.4	1.95	0.0	0.0	0.0	Qtz Monzonite
310	100707	0	119 47.20'W	49 57.50'N	2	4.55	7.68	2.59	1.7	9.0	1.96	0.0	0.0	0.0	Qtz Monzonite
310	100821	0	119 47.20'W	49 57.50'N	2	3.51	6.61	2.82	1.9	9.4	1.64	0.0	0.0	0.0	Qtz Monzonite
310	100913	0	119 47.20'W	49 57.50'N	2	3.70	6.99	2.96	1.9	9.9	1.73	0.0	0.0	0.0	Qtz Monzonite
310	101000	0	119 47.20'W	49 57.50'N	2	3.83	12.10	2.86	3.2	11.2	2.11	0.0	0.0	0.0	Qtz Monzonite
310	101117	0	119 47.20'W	49 57.50'N	2	3.72	6.87	2.81	1.8	2.6	1.71	0.0	0.0	0.0	Qtz Monzonite
310	101202	0	119 47.20'W	49 57.50'N	2	2.75	4.30	1.97	1.6	4.8	1.20	0.0	0.0	0.0	Qtz Monzonite
Trout Creek, Summerland															
310	200102	0	119 39.10'W	49 34.20'N	2	28.70	14.10	3.93	0.5	1.6	8.75	0.0	0.0	0.0	Granite/Migmatite
310	200201	0	119 39.10'W	49 34.20'N	2	2.33	4.19	1.57	1.8	19.9	1.04	0.0	0.0	0.0	Migmatite
310	200299	0	119 39.10'W	49 34.20'N	2	12.10	16.20	2.20	1.3	4.1	4.46	0.0	0.0	0.0	Gneiss
310	200390	0	119 39.10'W	49 34.20'N	2	3.08	3.92	2.07	1.3	18.5	1.27	0.0	0.0	0.0	Granodiorite
310	200501	0	119 39.10'W	49 34.20'N	2	2.90	6.21	1.99	2.1	16.6	1.37	0.0	0.0	0.0	Chl. Breccia
310	200624	0	119 39.10'W	49 34.20'N	2	0.59	2.57	2.02	4.4	32.5	0.53	0.0	0.0	0.0	Monzonite
310	200696	0	119 39.10'W	49 34.20'N	2	6.38	33.10	4.57	5.2	4.0	4.41	0.0	0.0	0.0	Monzonite
310	200805	0	119 39.10'W	49 34.20'N	2	1.00	2.85	2.05	2.8	33.3	0.65	0.0	0.0	0.0	Granite/Granodior.
310	200895	0	119 39.10'W	49 34.20'N	2	1.32	3.08	1.62	2.3	29.0	0.71	0.0	0.0	0.0	Granite/Granodior.
310	200989	0	119 39.10'W	49 34.20'N	2	1.04	5.28	2.17	5.1	21.7	0.85	0.0	0.0	0.0	Monzonite
310	201097	0	119 39.10'W	49 34.20'N	2	0.81	4.85	2.30	6.0	21.1	0.77	0.0	0.0	0.0	Monz-Granodiorite
310	201204	0	119 39.10'W	49 34.20'N	2	1.71	13.30	2.62	7.8	9.7	1.63	0.0	0.0	0.0	Monz-Granodiorite
310	201397	0	119 39.10'W	49 34.20'N	2	1.78	6.97	2.04	3.9	18.6	1.14	0.0	0.0	0.0	Monzonite(Miorite)
310	201497	0	119 39.10'W	49 34.20'N	2	1.03	1.96	3.62	1.9	27.3	0.76	0.0	0.0	0.0	Monzonite

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	K	Th/U	ZCT	HEAT FROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(°N)	(PPM)	(PPM)	(%)		ERROR	(μm/m^3)	(kg/m^3)	(MA)		
Thompson Plateau														
311	1	0	120 49.70'W	49 49.80'N	2	2.63	6.44	1.77	2.4	0.0	1.30	0.0	0.0	Composite Sample
312	1	0	120 47.70'W	49 49.50'N	2	2.03	4.52	1.01	2.2	0.0	0.94	0.0	0.0	Composite Sample
314	1	0	120 36.50'W	49 50.30'N	2	0.58	1.21	1.91	2.1	0.0	0.42	0.0	0.0	Composite Sample
314	2	2537	120 36.50'W	49 50.30'N	2	0.77	1.49	2.14	1.9	0.0	0.51	0.0	0.0	Composite Sample
316	1	0	120 26.50'W	49 42.30'N	2	4.49	7.12	3.00	1.6	0.0	1.94	0.0	0.0	Composite Sample
317	1	0	120 24.40'W	49 44.40'N	2	0.64	1.28	2.32	2.0	0.0	0.48	0.0	0.0	Composite Sample
317	2	2538	120 24.40'W	49 44.40'N	2	0.69	1.27	2.53	1.8	0.0	0.51	0.0	0.0	Composite Sample
318	1	0	120 29.30'W	49 47.00'N	2	1.87	1.15	2.07	0.6	0.0	0.76	0.0	0.0	Composite Sample
318	2	2539	120 29.30'W	49 47.00'N	2	2.20	2.47	2.06	1.1	0.0	0.94	0.0	0.0	Composite Sample
322	1	0	119 59.80'W	49 48.50'N	2	1.61	3.93	2.01	2.4	0.0	0.88	0.0	0.0	Composite Sample
322	2	2540	119 59.80'W	49 48.50'N	2	1.72	4.24	2.24	2.5	0.0	0.96	0.0	0.0	Composite Sample
323	1	0	119 32.00'W	49 40.50'N	2	0.88	6.80	2.56	7.7	0.0	0.95	0.0	0.0	Composite Sample
327	1	2542	119 12.50'W	49 41.80'N	2	3.00	19.40	4.36	6.5	0.0	2.56	0.0	0.0	Composite Sample
328	1	2543	119 9.80'W	49 43.70'N	2	7.60	18.30	3.50	2.4	0.0	3.58	0.0	0.0	Composite Sample
328	2	2543	119 9.80'W	49 43.70'N	2	8.05	19.90	4.00	2.5	0.0	3.85	0.0	0.0	Composite Sample
329	1	0	119 7.30'W	49 45.20'N	2	0.60	1.60	0.75	2.7	0.0	0.34	0.0	0.0	Composite Sample
330	1	2544	119 6.20'W	49 47.10'N	2	9.01	10.30	3.35	1.1	0.0	3.36	0.0	0.0	Composite Sample
333	1	2545	118 27.50'W	50 2.90'N	2	3.05	6.80	2.94	2.2	0.0	1.54	0.0	0.0	Composite Sample
335	1	2556	118 33.30'W	50 1.50'N	2	1.91	3.07	2.89	1.6	0.0	0.98	0.0	0.0	Composite Sample
336	1	2547	118 37.70'W	49 58.90'N	2	2.95	4.59	3.49	1.6	0.0	1.42	0.0	0.0	Composite Sample
338	1	0	118 41.50'W	49 54.20'N	2	2.69	5.54	2.28	2.1	0.0	1.30	0.0	0.0	Composite Sample
338	2	2558	118 41.50'W	49 54.20'N	2	2.60	5.32	2.58	2.0	0.0	1.29	0.0	0.0	Composite Sample
340	1	0	118 43.50'W	49 47.50'N	2	3.51	7.96	2.89	2.3	0.0	1.74	0.0	0.0	Composite Sample
340	2	2549	118 43.50'W	49 47.50'N	2	3.76	8.57	3.70	2.3	0.0	1.92	0.0	0.0	Composite Sample
342	1	0	118 46.50'W	49 49.60'N	2	4.61	9.30	3.30	2.0	0.0	2.16	0.0	0.0	Composite Sample
342	2	2550	118 46.50'W	49 49.60'N	2	4.60	9.99	3.49	2.2	0.0	2.22	0.0	0.0	Composite Sample

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (Z)	Th/U	ZCT ERROR	HEAT PROD.	DENSITY (Ks/m^3)	AGE (MA)	N ROCK TYPE, ETC.
McAdam Hole, Pokiok Batholith New Brunswick														
319	10	2634	67 18.80' W	45 40.70' N	2	7.75	17.70	3.47	2.3	1.6	3.57	0.0	0.0	0.0
319	20	2635	67 18.80' W	45 40.70' N	2	9.53	17.80	3.78	2.1	1.9	4.07	0.0	0.0	0.0
319	30	2636	67 18.80' W	45 40.70' N	2	7.99	16.30	3.18	2.0	1.6	3.54	0.0	0.0	0.0
319	40	2637	67 18.80' W	45 40.70' N	2	6.05	16.50	3.77	2.7	2.6	3.08	0.0	0.0	0.0
319	50	2638	67 18.80' W	45 40.70' N	2	6.12	16.70	3.52	2.7	1.7	3.09	0.0	0.0	0.0
319	60	2639	67 18.80' W	45 40.70' N	2	8.25	20.90	3.75	2.5	2.4	3.95	0.0	0.0	0.0
319	70	2641	67 18.80' W	45 40.70' N	2	7.47	19.20	3.71	2.6	2.3	3.63	0.0	0.0	0.0
319	80	2642	67 18.80' W	45 40.70' N	2	5.70	11.90	3.70	2.1	1.9	2.66	0.0	0.0	0.0
319	90	2643	67 18.80' W	45 40.70' N	2	4.43	14.00	3.82	3.2	2.8	2.49	0.0	0.0	0.0
319	100	2644	67 18.80' W	45 40.70' N	2	9.53	16.00	3.93	1.7	1.5	3.95	0.0	0.0	0.0
319	110	2645	67 18.80' W	45 40.70' N	2	16.00	3.81	1.8	0.0	0.0	0.0	0.0	0.0	0.0
319	120	2646	67 18.80' W	45 40.70' N	2	9.16	19.90	3.67	2.2	1.5	4.11	0.0	0.0	0.0
319	130	2647	67 18.80' W	45 40.70' N	2	8.18	15.80	3.66	1.9	2.4	3.57	0.0	0.0	0.0
319	140	2648	67 18.80' W	45 40.70' N	2	8.77	19.10	3.44	2.2	1.5	3.93	0.0	0.0	0.0
319	150	2649	67 18.80' W	45 40.70' N	2	7.93	22.90	3.73	2.9	2.3	4.01	0.0	0.0	0.0
319	160	2650	67 18.80' W	45 40.70' N	2	9.07	14.10	3.63	1.6	0.8	3.67	0.0	0.0	0.0
319	170	2651	67 18.80' W	45 40.70' N	2	10.20	13.10	3.37	1.3	1.3	3.87	0.0	0.0	0.0
319	180	2652	67 18.80' W	45 40.70' N	2	8.43	13.30	3.69	1.6	2.3	3.46	0.0	0.0	0.0
319	190	2653	67 18.80' W	45 40.70' N	2	8.08	17.80	4.31	2.2	1.6	3.74	0.0	0.0	0.0
319	200	2654	67 18.80' W	45 40.70' N	2	7.37	20.70	3.77	2.8	2.2	3.71	0.0	0.0	0.0
319	210	2655	67 18.80' W	45 40.70' N	2	6.79	15.90	4.32	2.3	1.7	3.28	0.0	0.0	0.0
319	220	2656	67 18.80' W	45 40.70' N	2	8.37	17.50	3.90	2.1	2.4	3.76	0.0	0.0	0.0
319	230	2657	67 18.80' W	45 40.70' N	2	8.75	17.70	3.63	1.5	1.5	3.84	0.0	0.0	0.0
319	240	2658	67 18.80' W	45 40.70' N	2	8.47	19.90	3.17	2.3	2.3	3.88	0.0	0.0	0.0
319	250	2659	67 18.80' W	45 40.70' N	2	8.45	18.20	3.97	2.2	2.3	3.83	0.0	0.0	0.0
319	260	2660	67 18.80' W	45 40.70' N	2	7.88	21.30	3.62	2.7	1.6	3.87	0.0	0.0	0.0
319	270	2661	67 18.80' W	45 40.70' N	2	9.12	20.10	2.94	2.2	2.1	4.04	0.0	0.0	0.0
319	280	2662	67 18.80' W	45 40.70' N	2	10.30	20.40	3.06	2.0	1.4	4.38	0.0	0.0	0.0
319	290	2663	67 18.80' W	45 40.70' N	2	7.66	13.70	3.89	1.8	2.5	3.31	0.0	0.0	0.0
319	300	2664	67 18.80' W	45 40.70' N	2	8.23	16.00	3.15	1.6	1.6	3.54	0.0	0.0	0.0
319	310	2665	67 18.80' W	45 40.70' N	2	7.90	17.00	4.12	2.2	2.3	3.62	0.0	0.0	0.0
319	320	2666	67 18.80' W	45 40.70' N	2	8.81	18.40	3.17	2.1	2.2	3.86	0.0	0.0	0.0
319	330	2667	67 18.80' W	45 40.70' N	2	8.19	18.60	4.17	2.3	0.8	3.82	0.0	0.0	0.0
319	340	2668	67 18.80' W	45 40.70' N	2	7.59	17.10	3.88	2.3	2.4	3.53	0.0	0.0	0.0
319	350	2669	67 18.80' W	45 40.70' N	2	8.21	15.80	3.48	1.9	2.3	3.56	0.0	0.0	0.0
319	360	2670	67 18.80' W	45 40.70' N	2	7.82	18.20	3.52	2.3	1.6	3.63	0.0	0.0	0.0
319	370	2671	67 18.80' W	45 40.70' N	2	8.11	17.00	3.52	2.1	2.3	3.62	0.0	0.0	0.0
319	380	2672	67 18.80' W	45 40.70' N	2	6.69	17.20	3.13	2.6	1.7	3.23	0.0	0.0	0.0
319	390	2673	67 18.80' W	45 40.70' N	2	7.40	17.60	3.32	2.4	2.4	3.46	0.0	0.0	0.0
319	400	2674	67 18.80' W	45 40.71' N	2	3.30	20.10	3.75	6.1	2.0	2.62	0.0	0.0	0.0
319	1	2675	67 18.80' W	45 40.79' N	2	2.94	16.60	3.59	5.6	3.1	2.27	0.0	0.0	0.0

A DENSITY OF 2670 Ks/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	U (PPM)	Th (PPM)	K (%)	Th/U	ZCT	HEAT PROD. (MW/m ⁻³)	DENSITY (Kg/m ⁻³)	AGE (MA)	ROCK TYPE, ETC.
Wellsford													
320	11	2677	66 26.40'W	45 27.30'N	2	13.50	36.90	4.64	2.7	1.7	6.51	0.0	0
320	21	2678	66 26.40'W	45 27.30'N	2	15.30	38.40	4.71	2.5	1.1	7.09	0.0	0
320	31	2679	66 26.40'W	45 27.30'N	2	12.50	35.00	4.67	2.8	1.8	6.13	0.0	0
320	40	2680	66 26.40'W	45 27.30'N	2	13.30	36.10	4.54	2.7	1.2	6.40	0.0	0
320	51	2681	66 26.40'W	45 27.30'N	2	13.00	37.70	4.74	2.5	1.6	6.97	0.0	0
320	60	2682	66 26.40'W	45 27.30'N	2	11.30	41.70	4.76	3.7	1.2	6.30	0.0	0
320	70	2683	66 26.40'W	45 27.30'N	2	12.30	41.10	4.60	3.3	1.7	6.50	0.0	0
320	82	2684	66 26.40'W	45 27.30'N	2	12.60	36.40	4.68	2.9	1.7	6.25	0.0	0
320	90	2685	66 26.40'W	45 27.30'N	2	12.00	37.90	4.64	3.2	1.2	6.20	0.0	0
320	100	2686	66 26.40'W	45 27.30'N	2	16.70	47.80	4.82	2.9	1.6	8.12	0.0	0
320	110	2687	66 26.40'W	45 27.30'N	2	18.00	39.00	4.79	2.2	1.0	7.83	0.0	0
320	120	2688	66 26.40'W	45 27.30'N	2	12.30	36.30	4.81	3.0	1.7	6.18	0.0	0
320	130	2689	66 26.40'W	45 27.30'N	2	18.20	38.10	4.49	2.1	1.0	7.79	0.0	0
320	141	2690	66 26.40'W	45 27.30'N	2	10.90	35.60	4.94	3.3	1.9	5.78	0.0	0
320	150	2691	66 26.40'W	45 27.30'N	2	16.10	35.40	4.82	2.2	1.1	7.09	0.0	0
320	160	2692	66 26.40'W	45 27.30'N	2	11.90	40.00	4.73	3.4	1.7	6.33	0.0	0
320	170	2693	66 26.40'W	45 27.30'N	2	14.00	35.70	4.61	2.5	1.2	6.56	0.0	0
320	182	2694	66 26.40'W	45 27.30'N	2	9.10	29.90	6.34	3.3	1.9	5.05	0.0	0
320	191	2695	66 26.40'W	45 27.30'N	2	11.40	40.30	4.88	3.5	1.2	6.24	0.0	0
320	200	2696	66 26.40'W	45 27.30'N	2	8.65	36.50	4.70	4.2	1.3	5.24	0.0	0
320	210	2697	66 26.40'W	45 27.30'N	2	11.60	35.60	4.66	3.1	1.8	5.94	0.0	0
320	220	2698	66 26.40'W	45 27.30'N	2	9.11	36.00	4.84	4.0	1.3	5.34	0.0	0
320	230	2699	66 26.40'W	45 27.30'N	2	9.89	28.10	3.91	2.8	2.0	4.90	0.0	0
320	240	2700	66 26.40'W	45 27.30'N	2	9.67	28.70	3.91	3.0	2.1	4.88	0.0	0
320	250	2701	66 26.40'W	45 27.30'N	2	18.30	36.60	4.39	2.0	1.0	7.70	0.0	0
320	260	2702	66 26.40'W	45 27.30'N	2	17.70	36.20	4.56	2.0	1.0	7.54	0.0	0
320	270	2703	66 26.40'W	45 27.30'N	2	20.30	41.50	4.93	2.0	1.0	8.61	0.0	0
320	280	2704	66 26.40'W	45 27.30'N	2	18.00	40.90	4.70	2.3	1.6	7.96	0.0	0
320	290	2705	66 26.40'W	45 27.30'N	2	18.90	39.50	4.46	2.1	1.0	8.07	0.0	0
320	300	2706	66 26.40'W	45 27.30'N	2	7.56	16.30	2.58	2.2	2.4	3.34	0.0	0
320	310	2707	66 26.40'W	45 27.30'N	2	27.30	44.20	4.61	1.6	0.5	10.57	0.0	0
320	320	2708	66 26.40'W	45 27.30'N	2	12.90	31.90	4.81	2.5	1.9	6.02	0.0	0
320	330	2709	66 26.40'W	45 27.30'N	2	22.50	46.90	4.32	2.1	0.9	9.50	0.0	0
320	340	2710	66 26.40'W	45 27.30'N	2	16.20	36.30	4.38	2.2	1.6	7.14	0.0	0
320	350	2711	66 26.40'W	45 27.30'N	2	18.50	38.80	4.36	2.1	1.0	7.91	0.0	0
320	360	2712	66 26.40'W	45 27.30'N	2	73.60	33.50	4.87	0.5	0.8	21.75	0.0	0
320	370	2713	66 26.40'W	45 27.30'N	2	21.80	34.10	4.45	1.6	1.0	8.43	0.0	0
320	0	2714	66 26.40'W	45 28.25'N	2	11.90	31.30	4.36	2.6	1.9	5.68	0.0	0
320	1	2715	66 26.40'W	45 28.07'N	2	14.70	40.10	4.51	2.7	1.1	7.04	0.0	0
320	2	2716	66 26.40'W	45 28.00'N	2	13.80	37.30	4.55	2.7	0.6	6.61	0.0	0
320	3	2717	66 26.40'W	45 27.29'N	2	14.70	36.90	4.69	2.4	0.6	6.76	0.0	0
320	4	2718	66 25.40'W	45 28.30'N	2	10.60	33.70	4.67	3.2	1.9	5.55	0.0	0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	%CT ERROR	HEAT PROD. (uW/m^2)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
				($^{\circ}$ N)	(ppm)	(ppm)	(ppm)	(%)						
Pacific Geoscience Centre														
321	387	2719	123 26.88' W	48 38.97' N	2	1.01	2.81	1.62	2.8	4.8	0.61	0.0	0.0	0
321	498	2720	123 26.88' W	48 38.97' N	2	1.07	2.68	1.37	2.5	6.7	0.60	0.0	0.0	0
321	595	2721	123 26.88' W	48 38.97' N	2	1.48	4.08	1.52	2.8	4.0	0.81	0.0	0.0	0
321	695	2722	123 26.88' W	48 38.97' N	2	1.32	4.01	1.54	3.0	6.0	0.77	0.0	0.0	0
321	804	2723	123 26.88' W	48 38.97' N	2	1.15	2.72	1.84	2.4	4.4	0.66	0.0	0.0	0
321	906	2724	123 26.88' W	48 38.97' N	2	1.09	3.10	1.70	2.8	6.4	0.66	0.0	0.0	0
321	1001	2725	123 26.88' W	48 38.97' N	2	1.18	3.16	1.69	2.7	2.5	0.69	0.0	0.0	0
321	1134	2726	123 26.88' W	48 38.97' N	2	1.19	3.13	1.78	2.6	6.2	0.70	0.0	0.0	0
321	1208	2727	123 26.88' W	48 38.97' N	2	1.07	2.93	1.55	2.7	4.3	0.63	0.0	0.0	0
321	1308	2728	123 26.88' W	48 38.97' N	2	1.25	3.36	1.82	2.7	3.9	0.73	0.0	0.0	0
321	1420	2729	123 26.88' W	48 38.97' N	2	1.16	3.32	1.51	2.9	6.1	0.68	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE DEPTH	SPECT	LOCATION ZONE	LOCATION NORTH EAST	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT HEAT PROD. ($\mu\text{W}/\text{m}^3$)	DENSITY (kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
HOLE 339---SILT LAKE, SL-1 HOLE, 1983: NORTH OF MEAGER MTN, B.C.													
339	50	2842	10U	45265	56189	2	0.96	2.40	2.17	2.5	4.7	0.62	QFP Granodiorite
339	100	2844	10U	45265	56189	2	0.65	1.37	1.76	2.1	0.43	0.0	QFP Granodiorite
339	150	2845	10U	45265	56189	2	1.02	2.52	1.68	2.5	0.60	0.0	QFP Granodiorite
339	200	2846	10U	45265	56189	2	1.16	2.58	1.69	2.2	1.6	0.64	QFP Granodiorite
339	220	2847	10U	45265	56189	2	0.90	2.76	2.25	3.1	6.3	0.64	QFP Granodiorite
339	250	2848	10U	45265	56189	2	1.05	2.31	1.35	2.2	4.9	0.56	QFP Granodiorite
339	300	2849	10U	45265	56189	2	1.10	2.45	1.44	2.2	6.1	0.59	QFP Granodiorite
339	350	2850	10U	45265	56189	2	0.93	2.06	1.54	2.2	3.1	0.53	QFP Granodiorite
339	400	2851	10U	45265	56189	2	1.06	2.46	0.93	2.3	6.6	0.53	QFP Granodiorite
339	430	2852	10U	45265	56189	2	1.14	2.43	1.64	2.1	4.8	0.62	QFP Granodiorite
339	450	2853	10U	45265	56189	2	0.95	1.93	2.32	2.0	6.3	0.60	QFP Granodiorite
339	500	2854	10U	45265	56189	2	0.91	2.28	1.76	2.5	5.0	0.56	QFP Granodiorite
339	550	2855	10U	45265	56189	2	1.37	3.27	3.94	2.4	5.1	0.96	QFP Granodiorite
339	600	2856	10U	45265	56189	2	1.08	2.40	1.54	2.2	4.8	0.59	QFP Granodiorite
339	650	2857	10U	45265	56189	2	0.89	1.55	1.80	1.7	7.2	0.51	QFP Granodiorite
339	670	2858	10U	45265	56189	2	1.10	2.43	1.44	2.2	4.7	0.59	QFP Granodiorite
339	700	2859	10U	45265	56189	2	0.75	1.43	1.82	1.9	8.4	0.47	QFP Granodiorite
339	750	2860	10U	45265	56189	2	1.00	2.10	1.51	2.1	5.3	0.55	QFP Granodiorite
339	800	2861	10U	45265	56189	2	1.13	2.48	1.67	2.2	5.8	0.63	QFP Granodiorite
339	850	2862	10U	45265	56189	2	1.06	2.13	2.90	2.0	4.3	0.70	QFP Granodiorite
339	880	2863	10U	45265	56189	2	0.91	1.77	2.11	1.9	8.2	0.56	QFP Granodiorite
339	900	2864	10U	45265	56189	2	0.91	1.62	1.71	1.8	5.3	0.51	QFP Granodiorite
339	950	2865	10U	45265	56189	2	1.18	1.90	3.92	1.6	5.3	0.81	QFP Granodiorite
339	1000	2866	10U	45265	56189	2	1.05	2.38	2.57	2.3	4.1	0.68	QFP GRANODIORITE
339	1050	2867	10U	45265	56189	2	1.04	2.41	2.31	2.3	6.2	0.66	QFP Granodiorite
339	1090	2868	10U	45265	56189	2	1.01	2.08	2.33	2.1	2.7	0.63	QFP Granodiorite
339	1100	2869	10U	45265	56189	2	0.98	2.27	2.35	2.3	6.4	0.64	QFP Granodiorite
339	1150	2870	10U	45265	56189	2	1.02	2.18	1.94	2.1	4.8	0.60	QFP Granodiorite
339	1200	2871	10U	45265	56189	2	0.95	1.95	1.95	2.1	6.8	0.57	QFP Granodiorite
339	1250	2872	10U	45265	56189	2	1.12	2.29	2.36	2.0	4.5	0.68	QFP Granodiorite
339	1300	2873	10U	45265	56189	2	0.92	2.12	1.98	2.3	6.6	0.58	QFP Granodiorite
339	1330	2874	10U	45265	56189	2	0.94	2.04	1.56	2.2	4.9	0.53	QFP Granodiorite
339	1350	2875	10U	45265	56189	2	0.98	2.16	1.61	2.2	7.6	0.56	Phyllite
339	1400	2876	10U	45265	56189	2	1.03	1.44	2.10	2.0	5.0	0.55	Phyllite
339	1420	2877	10U	45265	56189	2	1.54	2.52	1.78	1.6	6.2	0.74	Phyllite
339	1450	2878	10U	45265	56189	2	0.88	1.73	0.73	2.0	3.5	0.42	Metawacke

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FLOW. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U	%CT ERROR	HEAT PROD. ($\text{mW/m}^2\text{s}^{-3}$)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
HOLE 344---MT CAYLEY, SN-2 HOLE, 1982: WEST OF WHISTLER, B.C.														
344	2805	123	16.00'W	50	6.50'N	2	0.75	1.49	0.95	2.0	12.1	0.39	0.0	0.0
344	450	2808	123	16.00'W	50	6.50'N	2	0.59	2.10	1.44	5.6	0.44	0.0	0.0
344	500	2807	123	16.00'W	50	6.50'N	2	1.26	3.38	1.32	2.7	8.4	0.69	0.0
344	550	2814	123	16.00'W	50	6.50'N	2	0.79	1.58	1.10	2.0	6.3	0.42	0.0
344	650	2810	123	16.00'W	50	6.50'N	2	1.08	1.72	1.51	1.6	5.2	0.54	0.0
344	700	2811	123	16.00'W	50	6.50'N	2	0.96	1.63	0.92	1.7	4.2	0.45	0.0
344	750	2812	123	16.00'W	50	6.50'N	2	0.95	2.35	0.99	2.5	5.8	0.50	0.0
344	800	2813	123	16.00'W	50	6.50'N	2	0.74	2.10	0.84	2.8	8.6	0.42	0.0
344	850	2816	123	16.00'W	50	6.50'N	2	1.17	2.96	0.77	2.5	4.2	0.58	0.0
344	900	2817	123	16.00'W	50	6.50'N	2	0.84	2.29	0.98	2.7	8.3	0.47	0.0
344	950	2818	123	16.00'W	50	6.50'N	2	1.23	3.32	1.33	2.7	4.5	0.68	0.0
344	1000	2819	123	16.00'W	50	6.50'N	2	0.75	3.06	1.02	4.1	4.6	0.51	0.0
344	1050	2820	123	16.00'W	50	6.50'N	2	0.73	1.89	0.24	2.6	9.3	0.34	0.0
344	1100	2821	123	16.00'W	50	6.50'N	2	0.57	1.59	0.29	2.8	7.9	0.29	0.0
344	1150	2822	123	16.00'W	50	6.50'N	2	1.91	4.74	0.74	2.5	4.9	0.90	0.0
344	1157	2823	123	16.00'W	50	6.50'N	2	1.75	4.71	0.67	2.7	3.9	0.85	0.0
344	1200	2824	123	16.00'W	50	6.50'N	2	0.65	1.79	0.01	2.8	10.5	0.29	0.0
344	1250	2825	123	16.00'W	50	6.50'N	2	0.58	1.10	0.19	1.9	8.8	0.24	0.0
344	1300	2831	123	16.00'W	50	6.50'N	2	0.55	0.42	0.01	0.8	7.1	0.17	0.0
344	1350	2828	123	16.00'W	50	6.50'N	2	0.82	1.07	0.59	1.3	9.5	0.34	0.0
344	1400	2829	123	16.00'W	50	6.50'N	2	0.62	0.90	0.37	1.5	8.2	0.26	0.0
344	1450	2830	123	16.00'W	50	6.50'N	2	0.67	1.71	0.41	2.6	9.2	0.33	0.0
344	1500	2832	123	16.00'W	50	6.50'N	2	0.46	1.19	0.48	2.6	10.6	0.25	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT LOCATION	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT (MW/m^3)	HEAT PROD. (KW/m^3)	DENSITY (KG/m^3)	AGE (MA)	N ROCK TYPE, ETC.
Island Copper, Vancouver Island													
353	1	0 127 28.60'W	50 36.60'N	2	1.33	4.49	1.81	3.4	0.0	0.83	0.0	0.0	0
353	2	0 127 28.60'W	50 36.60'N	2	1.43	4.52	2.16	3.2	0.0	0.89	0.0	0.0	0
353	3	0 127 28.60'W	50 36.60'N	2	1.45	4.37	1.47	3.0	0.0	0.82	0.0	0.0	0
353	4	0 127 28.60'W	50 36.60'N	2	2.28	4.47	1.86	2.0	0.0	1.08	0.0	0.0	0
353	5	0 127 28.60'W	50 36.60'N	2	1.80	3.96	1.62	2.2	0.0	0.90	0.0	0.0	0
353	6	0 127 28.60'W	50 36.60'N	2	1.39	3.47	1.56	2.5	0.0	0.75	0.0	0.0	0
353	7	0 127 28.60'W	50 36.60'N	2	1.26	2.00	0.77	1.6	0.0	0.54	0.0	0.0	0
353	8	0 127 28.60'W	50 36.60'N	2	1.39	6.25	1.88	4.5	0.0	0.98	0.0	0.0	0
353	9	0 127 28.60'W	50 36.60'N	2	1.29	3.23	0.49	2.5	0.0	0.61	0.0	0.0	0
353	10	0 127 28.60'W	50 36.60'N	2	1.89	5.38	1.78	2.8	0.0	1.04	0.0	0.0	0
353	10	0 127 28.60'W	50 36.60'N	2	1.89	5.38	1.78	2.8	0.0	1.04	0.0	0.0	0

A DENSITY OF 2670 KG/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	%CT	HEAT PROD. ($\mu\text{W}/\text{m}^3$)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
Barton - Okanagan - Princeton															
200001	1	0	117 53' 0"W	50 2' 0"N	2	2.52	6.50	2.68	2.6	0.0	1.36	0.0	0.0	0.0	0
200001	2	0	117 52' 0"W	50 1' 0"N	2	4.51	8.08	3.07	1.8	0.0	2.02	0.0	0.0	0.0	0
200001	3	0	118 10' 0"W	49 52' 0"N	2	2.73	9.52	3.59	3.5	0.0	1.72	0.0	0.0	0.0	0
200001	4	0	118 13' 0"W	49 55' 0"N	2	2.70	6.93	3.37	2.6	0.0	1.50	0.0	0.0	0.0	0
200001	5	0	118 25' 0"W	50 2' 0"N	2	2.75	8.53	2.87	3.1	0.0	1.58	0.0	0.0	0.0	0
200001	6	0	118 28' 0"W	50 3' 0"N	2	4.90	26.00	4.05	5.3	0.0	3.48	0.0	0.0	0.0	0
200001	7	0	118 28' 0"W	50 3' 0"N	2	5.49	26.30	3.85	4.8	0.0	3.63	0.0	0.0	0.0	0
200001	8	0	119 19' 0"W	50 13' 0"N	2	4.76	22.90	5.14	4.8	0.0	3.33	0.0	0.0	0.0	0
200001	9	0	119 22' 0"W	50 12' 0"N	2	3.53	20.40	5.68	5.8	0.0	2.89	0.0	0.0	0.0	0
200001	10	0	119 18' 0"W	49 44' 0"N	2	2.00	6.28	2.24	3.1	0.0	1.17	0.0	0.0	0.0	0
200001	11	0	119 38' 0"W	49 25' 0"N	2	4.48	21.40	3.07	4.8	0.0	2.95	0.0	0.0	0.0	0
200001	12	0	120 12' 0"W	49 23' 0"N	2	0.97	1.67	2.39	1.7	0.0	0.60	0.0	0.0	0.0	0
200001	13	0	120 34' 0"W	49 19' 0"N	2	0.57	1.32	0.68	2.3	0.0	0.30	0.0	0.0	0.0	0
200001	14	0	120 36' 0"W	49 16' 0"N	2	1.72	3.08	1.33	1.8	0.0	0.79	0.0	0.0	0.0	0
200001	15	0	120 33' 0"W	49 13' 0"N	2	2.72	5.51	2.11	2.0	0.0	1.29	0.0	0.0	0.0	0
200001	16	0	120 35' 0"W	49 11' 0"N	2	3.77	6.28	3.14	1.7	0.0	1.71	0.0	0.0	0.0	0
200001	17	0	120 35' 0"W	49 11' 0"N	2	1.69	3.31	1.34	2.0	0.0	0.80	0.0	0.0	0.0	0
200001	18	0	120 36' 0"W	49 8' 0"N	2	4.85	9.95	1.05	2.1	0.0	2.05	0.0	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROM. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	%CUT HEAT PROD. (UW/m^3)	DENSITY (KG/m^3)	AGE (MA)	N ROCK TYPE, ETC.
Kinnaird												
200002	1	0	118 3.58'W	49 13.45'N	2	3.91	12.20	2.63	3.1	0.0	2.12	0.0 0
200002	2	0	118 0.00'W	49 14.59'N	2	4.54	6.38	5.26	1.4	0.0	2.12	0.0 0
200002	3	0	117 42.12'W	49 16.61'N	2	3.20	7.23	3.26	2.3	0.0	1.64	0.0 0
200002	4	0	118 11.90'W	51 0.30'N	2	4.23	25.50	5.29	6.0	0.0	3.39	0.0 0
200002	5	0	118 9.50'W	50 59.40'N	2	2.70	4.15	2.12	1.5	0.0	1.19	0.0 0
200002	6	0	117 55.70'W	51 4.90'N	2	2.66	7.02	1.60	2.6	0.0	1.33	0.0 0

A DENSITY OF 2670 KG/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LONGITUDE	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (PPM)	Th/U (%)	ZCT ERROR	HEAT PROD. (W/m^3)	DENSITY (kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
Waipitei Lake															
200003	1	0	80 47' 0" W	46 41' 30" N	2	7.49	25.30	4.43	3.4	0.0	4.13	0.0	0.0	0.0	0
200003	2	0	80 47' 0" W	46 41' 30" N	2	5.25	19.30	4.69	3.7	0.0	3.16	0.0	0.0	0.0	0
200003	3	0	80 56' 24" W	46 44' 24" N	2	0.64	6.78	3.12	10.6	0.0	0.94	0.0	0.0	0.0	0
200003	4	0	80 56' 24" W	46 44' 24" N	2	0.70	14.60	2.49	20.9	0.0	1.45	0.0	0.0	0.0	0
200003	5	0	80 0' 0" W	0 0' 0" N	2	4.82	21.80	4.82	4.5	0.0	3.24	0.0	0.0	0.0	0

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT LOCATION	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U	ZCT ERROR (%)	HEAT PROD. (W/m^3)	DENSITY (kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
N.W. of Windy Lake													
200004	1	0 81 26'42"W	46 37'30"N	2	0.75	24.30	3.62	32.4	0.0	2.25	0.0	0.0	0.0
200004	2	0 81 26'42"W	46 37'30"N	2	1.07	21.90	3.27	20.5	0.0	2.13	0.0	0.0	0.0
200004	3	0 81 26'42"W	46 37'30"N	2	1.02	69.80	1.65	68.4	0.0	5.62	0.0	0.0	0.0

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LONGITUDE	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (PPM)	Th/U	ZCT ERROR	HEAT PROD. (MW/m ³)	DENSITY (Kg/m ³)	AGE (MA)	N ROCK TYPE, ETC.
Central Vancouver Island															
200005	1	716	126 45' 0"W	50 23' 0"N	2	2.13	6.34	1.87	3.0	0.0	1.17	0.0	0.0	0.0	ISLAND INTRUSIONS
200005	2	720	126 45' 0"W	50 21' 0"N	2	2.40	6.32	1.78	2.6	0.0	1.23	0.0	0.0	0.0	ISLAND INTRUSIONS
200005	3	722	126 49' 0"W	50 16' 0"N	2	1.79	5.48	1.41	3.1	0.0	0.98	0.0	0.0	0.0	ISLAND INTRUSIONS
200005	4	717	126 44' 0"W	50 15' 0"N	2	1.19	4.73	1.67	3.2	0.0	0.88	0.0	0.0	0.0	ISLAND INTRUSIONS
200005	5	721	126 32' 0"W	50 10' 0"N	2	2.41	5.33	2.15	2.2	0.0	1.20	0.0	0.0	0.0	ISLAND INTRUSIONS
200005	6	719	126 44' 0"W	50 14' 0"N	2	1.81	4.78	1.34	2.6	0.0	0.93	0.0	0.0	0.0	ISLAND INTRUSIONS

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th (ppm)	K (%)	Th/U	ZCT ERROR	HEAT PROD. (uW/m^3)	DENSITY (kg/m^3)	AGE (MA)	ROCK TYPE, ETC.
Revelstoke - Fraser Canyon														
200006	1	0	118 13'	0°W	50 59'	0'N	2	2.38	16.10	2.04	6.8	0.0	1.94	0.0
200006	2	0	118 19'	0°W	50 58'	0'N	2	4.13	16.40	2.10	4.0	0.0	2.42	0.0
200006	3	0	118 22'	0°W	50 58'	0'N	2	3.00	11.50	2.63	3.8	0.0	1.83	0.0
200006	4	0	119 17'	0°W	50 41'	0'N	2	4.07	27.20	3.84	6.7	0.0	3.33	0.0
200006	5	0	119 19'	0°W	50 42'	0'N	2	4.03	22.60	3.61	5.6	0.0	2.97	0.0
200006	6	0	119 46'	0°W	50 43'	0'N	2	2.02	3.75	4.60	1.9	0.0	1.22	0.0
200006	7	0	119 48'	0°W	50 42'	0'N	2	1.38	3.95	4.52	2.9	0.0	1.07	0.0
200006	8	0	121 15'	0°W	49 46'	0'N	2	1.13	2.63	1.20	2.3	0.0	0.59	0.0
200006	9	0	121 24'	0°W	49 44'	0'N	2	0.39	0.92	0.88	2.4	0.0	0.25	0.0
200006	10	0	121 18'	0°W	49 36'	0'N	2	0.49	0.90	0.55	1.8	0.0	0.24	0.0
200006	11	0	121 29'	0°W	49 21'	0'N	2	0.46	1.85	1.17	4.0	0.0	0.36	0.0

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT LOCATION	LONGITUDE	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U %	ZCT ERROR (μW/m^3)	HEAT PROD. (μW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	ROCK TYPE, ETC.
Buttle Lake														
200007	1	685	125 34' 3" W	49 48' 6" N	1	1.26	3.02	2.05	2.4	0.0	0.73	0.0	0.0	0
200007	2	683	125 34' 3" W	49 48' 6" N	1	1.37	2.74	2.05	2.0	0.0	0.74	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THF DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U (PPM)	Th (PPM)	K (%)	Th/U	%CT	HFA/T PROD. (uW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
North Side - Fraser Canyon															
200008	1	0	121 28.46' W	49 23.15' N	2	0.39	0.69	0.38	1.8	0.0	0.19	0.0	0.0	0.0	0
200008	2	0	121 36.02' W	49 21.50' N	2	0.40	0.66	0.51	1.7	0.0	0.20	0.0	0.0	0.0	0
200008	3	0	121 39.67' W	49 19.07' N	2	1.05	2.78	1.26	2.6	0.0	0.59	0.0	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT HEAT PROD. (uW/m^3)	DENSITY (KG/m^3)	AGE (MA)	N ROCK TYPE, ETC.
North Bay - West													
200010	1	0	84 46.30'W	47 7.50'N	2	1.28	6.31	2.14	4.9	0.0	0.98	0.0	0.0
200010	2	0	84 41.50'W	47 20.80'N	2	1.53	5.29	4.05	3.5	0.0	1.15	0.0	0.0
200010	3	0	84 41.50'W	47 20.80'N	2	4.58	21.50	3.97	4.7	0.0	3.07	0.0	0.0
200010	5	0	84 52.60'W	47 34.20'N	2	7.20	18.00	4.50	2.5	0.0	3.55	0.0	0.0
200010	6	0	84 51.80'W	47 44.90'N	2	1.54	6.51	3.02	4.2	0.0	1.14	0.0	0.0
200010	7	0	84 55.40'W	47 48.70'N	2	1.33	4.70	1.32	3.5	0.0	0.80	0.0	0.0
200010	8	0	85 4.90'W	48 22.50'N	2	0.48	3.35	0.59	7.0	0.0	0.42	0.0	0.0
200010	9	0	85 8.60'W	48 29.60'N	2	8.60	29.60	4.80	3.4	0.0	4.76	0.0	0.0

A DENSITY OF 2670 KG/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	ZCT	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(°N)	(PPM)	(PPM)	(PPM)	(%)	ERR	(W/m^3)	(Kg/m^3)	(MA)		
200011	White River	West												
200011	1	0	85 17.30' W	48 35.70' N	2	2.00	15.10	3.96	7.6	0.0	1.96	0.0	0.0	0.0
200011	2	0	85 19.70' W	48 36.50' N	2	1.05	3.91	1.71	3.7	0.0	0.71	0.0	0.0	0.0
200011	3	0	85 49.10' W	48 42.30' N	2	0.77	4.72	2.30	6.1	0.0	0.75	0.0	0.0	0.0
200011	4	0	85 44.90' W	48 44.10' N	2	1.19	5.17	2.37	4.3	0.0	0.90	0.0	0.0	0.0
200011	5	0	85 46.70' W	48 53.00' N	2	0.33	1.60	1.55	4.8	0.0	0.35	0.0	0.0	0.0
200011	6	0	85 47.70' W	48 55.20' N	2	1.29	3.80	2.93	2.9	0.0	0.88	0.0	0.0	0.0
200011	7	0	85 46.30' W	49 1.10' N	2	0.33	1.03	0.99	3.1	0.0	0.25	0.0	0.0	0.0
200011	8	0	85 46.30' W	49 1.10' N	2	0.85	4.49	4.29	5.3	0.0	0.95	0.0	0.0	0.0
200011	9	0	85 43.70' W	49 5.40' N	2	1.21	1.52	1.29	1.3	0.0	0.54	0.0	0.0	0.0
200011	10	0	85 49.90' W	49 5.80' N	2	0.66	2.32	2.16	3.5	0.0	0.57	0.0	0.0	0.0
200011	11	0	85 51.00' W	49 6.40' N	2	2.00	9.07	2.72	4.5	0.0	1.41	0.0	0.0	0.0
200011	12	0	86 2.50' W	49 7.20' N	2	0.63	0.26	0.67	0.4	0.0	0.24	0.0	0.0	0.0
200011	13	0	86 3.00' W	49 7.90' N	2	2.05	14.70	3.66	7.2	0.0	1.91	0.0	0.0	0.0
200011	14	0	86 2.20' W	49 10.40' N	2	1.40	6.24	1.52	4.5	0.0	0.94	0.0	0.0	0.0
200011	15	0	86 2.70' W	49 9.20' N	2	0.98	1.89	4.59	1.9	0.0	0.82	0.0	0.0	0.0
200011	16	0	85 43.00' W	49 24.40' N	2	1.15	5.14	0.62	4.5	0.0	0.72	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U (ppm)	Th (rppm)	K (%)	Th/U ERROR	ZCT ERROR	HEAT PROD. (uW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
West To Terrace Bay															
200012	1	0	86 0.90'W	48 40.60'N	2	0.73	3.55	2.06	4.9	0.0	0.63	0.0	0.0	0.0	0.0
200012	2	0	86 20.00'W	48 42.40'N	2	0.83	1.70	0.42	2.0	0.0	0.37	0.0	0.0	0.0	0.0
200012	3	0	86 17.70'W	48 44.10'N	2	4.06	13.40	4.49	3.3	0.0	2.42	0.0	0.0	0.0	0.0
200012	4	0	86 33.40'W	48 44.10'N	2	2.19	7.99	5.01	3.6	0.0	1.61	0.0	0.0	0.0	0.0
200012	5	0	86 55.90'W	48 49.40'N	2	1.08	3.49	2.18	3.2	0.0	0.73	0.0	0.0	0.0	0.0
200012	6	0	86 55.80'W	48 47.80'N	2	1.94	5.68	3.72	2.9	0.0	1.25	0.0	0.0	0.0	0.0
200012	7	0	86 55.80'W	48 47.80'N	2	2.42	8.12	1.21	3.4	0.0	1.31	0.0	0.0	0.0	0.0
200012	8	0	86 55.70'W	48 45.40'N	2	0.82	4.15	1.88	5.1	0.0	0.68	0.0	0.0	0.0	0.0
200012	9	0	86 55.70'W	48 45.40'N	2	1.44	4.61	1.90	3.2	0.0	0.88	0.0	0.0	0.0	0.0
200012	10	0	86 55.70'W	48 45.40'N	2	1.29	4.73	1.82	3.7	0.0	0.84	0.0	0.0	0.0	0.0
200012	11	0	87 0.20'W	48 48.10'N	2	1.03	4.34	1.96	4.2	0.0	0.76	0.0	0.0	0.0	0.0
200012	12	0	87 5.80'W	48 44.40'N	2	1.15	3.78	2.24	3.3	0.0	0.78	0.0	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT ERROR	HEAT PROD. (uW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
Terrace Bay, West															
200013	1	0	87 19.30' W	48 44.30' N	2	8.00	11.00	3.29	1.4	0.0	3.15	0.0	0.0	0.0	0.0
200013	2	0	87 30.90' W	48 49.90' N	2	1.37	2.67	2.46	1.9	0.0	0.78	0.0	0.0	0.0	0.0
200013	3	0	87 38.80' W	48 51.30' N	2	3.08	30.40	4.07	9.9	0.0	3.32	0.0	0.0	0.0	0.0
200013	4	0	87 38.80' W	48 51.30' N	2	5.46	11.24	2.88	2.1	0.0	2.47	0.0	0.0	0.0	0.0
200013	5	0	87 53.50' W	48 53.80' N	2	7.75	15.00	4.13	1.9	0.0	3.44	0.0	0.0	0.0	0.0
200013	6	0	88 13.10' W	48 57.90' N	2	2.58	8.09	1.67	3.1	0.0	1.39	0.0	0.0	0.0	0.0
200013	7	0	88 37.50' W	48 38.80' N	2	2.72	28.10	4.70	10.3	0.0	3.13	0.0	0.0	0.0	0.0
200013	8	0	88 53.60' W	48 29.70' N	2	2.66	10.20	3.73	3.8	0.0	1.76	0.0	0.0	0.0	0.0
200013	9	0	89 0.40' W	48 27.70' N	2	6.56	14.80	4.00	2.3	0.0	3.11	0.0	0.0	0.0	0.0
200013	10	0	89 53.60' W	48 43.10' N	2	2.39	21.90	5.13	9.2	0.0	2.65	0.0	0.0	0.0	0.0
200013	11	0	90 10.30' W	48 52.40' N	2	1.02	5.96	2.85	5.8	0.0	0.95	0.0	0.0	0.0	0.0
200013	12	0	90 41.60' W	48 59.90' N	2	0.99	1.65	1.97	1.7	0.0	0.56	0.0	0.0	0.0	0.0
200013	13	0	91 5.00' W	49 11.20' N	2	0.78	5.30	3.50	6.8	0.0	0.91	0.0	0.0	0.0	0.0
200013	14	0	91 33.00' W	49 18.70' N	2	0.61	0.98	2.99	1.6	0.0	0.51	0.0	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE INTENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT (UW/m^3)	HEAT PROD. (KJ/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
Kamloops														
200016	1	1062	120 26'39"W	50 39'22"N	1	0.91	2.71	0.95	3.0	0.0	0.52	0.0	0.0	0.0
200016	2	1084	120 26'47"W	50 39'22"N	1	1.08	0.77	0.75	0.7	0.0	0.40	0.0	0.0	0.0
200016	3	1038	120 27'45"W	50 38'17"N	1	0.82	1.05	2.76	1.3	0.0	0.55	0.0	0.0	0.0
200016	5	1042	120 26'15"W	50 38'28"N	1	1.04	2.16	1.45	2.1	0.0	0.56	0.0	0.0	0.0
200016	6	1047	120 27'28"W	50 40' 2"N	1	0.67	1.14	2.65	1.7	0.0	0.51	0.0	0.0	0.0
200016	7	1040	120 28'48"W	50 40' 2"N	1	1.08	1.49	4.06	1.4	0.0	0.77	0.0	0.0	0.0
200016	8	1060	120 29'18"W	50 39'59"N	1	2.78	7.78	2.55	2.8	0.0	1.51	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U (PPM)	Th (PPM)	K (%)	ZCT ERROR	Th/U ERROR	HEAT PROD. (JUL/m^3)	DENSITY (KG/m^3)	AGE (MA)	N ROCK TYPE, ETC.
Igneous West														
200015	1	0	90 27.20'W	50 34.90'N	2	15.40	15.60	1.78	1.0	0.0	5.23	0.0	0.0	0.0
200015	1	0	90 27.20'W	50 34.90'N	2	15.40	15.60	1.78	1.0	0.0	5.23	0.0	0.0	0.0
200015	2	0	90 27.20'W	50 34.90'N	2	1.05	7.92	1.43	7.5	0.0	0.96	0.0	0.0	0.0
200015	3	0	90 27.30'W	50 35.80'N	2	0.79	8.34	2.16	10.6	0.0	1.00	0.0	0.0	0.0
200015	4	0	90 27.60'W	50 37.20'N	2	2.33	18.80	1.22	8.1	0.0	2.04	0.0	0.0	0.0
200015	5	0	90 27.10'W	50 37.60'N	2	1.00	2.43	5.02	2.4	0.0	0.91	0.0	0.0	0.0
200015	6	0	90 26.10'W	50 41.20'N	2	1.65	7.78	3.73	4.7	0.0	1.33	0.0	0.0	0.0
200015	7	0	90 25.10'W	50 46.20'N	2	1.31	2.18	2.22	1.7	0.0	0.70	0.0	0.0	0.0
200015	8	0	91 49.20'W	49 24.70'N	2	6.18	28.60	4.39	4.6	0.0	4.02	0.0	0.0	0.0
200015	9	0	92 10.60'W	49 29.90'N	2	0.84	1.29	1.40	1.5	0.0	0.44	0.0	0.0	0.0
200015	10	0	92 59.50'W	49 48.10'N	2	6.23	16.30	5.61	2.6	0.0	3.29	0.0	0.0	0.0
200015	11	0	93 25.40'W	49 51.80'N	2	3.49	11.90	3.21	3.4	0.0	2.04	0.0	0.0	0.0
200015	12	0	93 36.30'W	49 49.50'N	2	0.39	1.90	1.08	4.9	0.0	0.34	0.0	0.0	0.0
200015	13	0	93 36.30'W	49 49.50'N	2	2.85	15.00	5.41	5.3	0.0	2.31	0.0	0.0	0.0
200015	14	0	94 4.60'W	49 45.90'N	2	0.93	2.68	1.46	2.9	0.0	0.57	0.0	0.0	0.0
200015	15	0	94 30.00'W	49 45.20'N	2	0.86	3.64	2.96	4.2	0.0	0.76	0.0	0.0	0.0

A DENSITY OF 2670 KG/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT LOCATION	LONGITUDE	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U	%CT ERROR	HEAT PROD. (W/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
Tinsele North														
200014	1	0	91 34.40'W	49 21.20'N	2	6.10	39.90	4.87	6.5	0.0	4.84	0.0	0.0	0.0
200014	2	0	91 25.80'W	49 28.90'N	2	3.61	35.60	4.46	9.9	0.0	3.86	0.0	0.0	0.0
200014	3	0	91 25.20'W	49 31.20'N	2	7.85	23.20	4.36	3.0	0.0	4.07	0.0	0.0	0.0
200014	4	0	91 22.20'W	49 33.70'N	2	8.63	10.70	4.34	1.2	0.0	3.39	0.0	0.0	0.0
200014	5	0	91 20.80'W	49 34.50'N	2	1.74	8.38	3.64	4.8	0.0	1.39	0.0	0.0	0.0
200014	6	0	91 20.80'W	49 34.50'N	2	0.75	3.99	4.32	5.3	0.0	0.89	0.0	0.0	0.0
200014	7	0	91 19.30'W	49 34.90'N	2	3.20	23.30	4.01	7.3	0.0	2.85	0.0	0.0	0.0
200014	8	0	91 14.70'W	49 37.50'N	2	2.21	22.30	4.31	10.1	0.0	2.55	0.0	0.0	0.0
200014	9	0	91 11.60'W	49 41.00'N	2	0.52	6.51	0.83	12.5	0.0	0.67	0.0	0.0	0.0
200014	10	0	90 50.30'W	50 0.50'N	2	0.46	2.67	1.12	5.8	0.0	0.41	0.0	0.0	0.0
200014	11	0	90 42.80'W	50 5.00'N	2	0.54	3.81	0.99	7.1	0.0	0.50	0.0	0.0	0.0
200014	12	0	90 41.60'W	50 11.90'N	2	0.47	2.88	1.25	6.1	0.0	0.44	0.0	0.0	0.0
200014	13	0	90 34.50'W	50 21.20'N	2	1.10	7.11	1.32	6.5	0.0	0.91	0.0	0.0	0.0
200014	14	0	90 28.10'W	50 27.60'N	2	1.52	17.00	0.91	11.2	0.0	1.68	0.0	0.0	0.0
200014	15	0	90 28.10'W	50 28.80'N	2	1.21	18.20	0.87	15.0	0.0	1.68	0.0	0.0	0.0
200014	16	0	90 28.00'W	50 29.50'N	2	0.11	1.04	2.60	9.5	0.0	0.35	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	%CT ERROR	HEAT PROD. (MW/m ⁻³)	DENSITY (Kg/m ⁻³)	AGE (MA)	N	ROCK TYPE, ETC.
Clearwater															
200017	1	1004	119 57'12"W	51 24'50"N	1	9.94	4.54	3.95	0.5	0.0	3.25	0.0	0.0	0.0	0
200017	1	1004	119 57'12"W	51 24'50"N	1	9.94	4.54	3.95	0.5	0.0	3.25	0.0	0.0	0.0	0
200017	2	1014	119 55'45"W	51 29'45"N	1	5.62	3.26	3.90	0.6	0.0	2.05	0.0	0.0	0.0	0
200017	3	1009	119 49' 0"W	51 26'15"N	1	7.07	2.84	4.82	0.4	0.0	2.48	0.0	0.0	0.0	0
200017	4	1007	119 15'36"W	51 12'40"N	1	4.33	1.02	5.04	0.2	0.0	1.67	0.0	0.0	0.0	0
200017	5	1003	119 16'39"W	51 8'50"N	1	1.72	1.13	3.29	0.7	0.0	0.84	0.0	0.0	0.0	0
200017	6	1005	119 16'39"W	51 8'50"N	1	1.70	7.97	1.80	4.7	0.0	1.17	0.0	0.0	0.0	0

A DENSITY OF 2670 Kg/m⁻³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(PPM)	(PPM)	(PPM)	(PPM)	(%)		ERROR	(MW/m ³)	(Kg/m ³)	(MA)		
200018	1	1035	119 36'21"W	49 26'47"N	1	2.21	3.37	2.35	1.5	0.0	1.03	0.0	0.0	0	
200018	2	1016	119 38'45"W	49 28'39"N	1	3.70	23.00	4.10	6.2	0.0	2.96	0.0	0.0	0	
200018	3	1031	119 42'57"W	49 27'55"N	1	2.26	4.64	2.62	2.1	0.0	1.16	0.0	0.0	0	
200018	4	1025	119 43'33"W	49 27'10"N	1	5.46	16.80	3.37	3.1	0.0	2.91	0.0	0.0	0	
200018	5	1026	119 43' 5"W	49 26'55"N	1	4.10	7.40	1.96	1.8	0.0	1.76	0.0	0.0	0	
200018	6	1023	119 43' 5"W	49 26'55"N	1	4.38	9.06	1.79	2.1	0.0	1.94	0.0	0.0	0	
200018	7	1021	119 43'33"W	49 26'37"N	1	8.20	49.90	4.25	6.1	0.0	6.03	0.0	0.0	0	
200018	8	1029	119 40'15"W	49 28'20"N	1	1.40	4.95	2.30	3.5	0.0	0.93	0.0	0.0	0	
200018	9	1011	119 39' 3"W	49 16'30"N	1	0.89	1.47	0.90	1.7	0.0	0.42	0.0	0.0	0	
200018	10	1045	119 39' 3"W	49 16'30"N	1	3.40	2.95	2.15	0.9	0.0	1.29	0.0	0.0	0	
200018	11	1019	119 39' 3"W	49 16'30"N	1	1.70	5.48	2.02	3.2	0.0	1.02	0.0	0.0	0	

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THF DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LONGITUDE	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT (uW/m^3)	HEAT PROD. (uW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
Rouyri															
200022	1	0	79	3.11' W	48 20.52' N	1	0.67	4.34	1.87	6.5	0.0	0.66	0.0	0.0	GRANODIORITE
200022	2	0	79	1.41' W	48 20.14' N	1	2.08	7.51	2.02	3.6	0.0	1.26	0.0	0.0	GRANODIORITE
200022	3	0	0	0.00' W	0 0.00' N	1	0.88	2.40	0.81	2.7	0.0	0.47	0.0	0.0	GRANODIORITE
200022	4	0	0	0.00' W	0 0.00' N	1	0.90	2.78	0.28	3.1	0.0	0.45	0.0	0.0	GRANODIORITE
200022	5	0	0	0.00' W	0 0.00' N	1	1.18	4.54	0.38	3.8	0.0	0.66	0.0	0.0	GRANODIORITE

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT (uW/m^3)	HEAT PROD. (uW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
Nitinat Lake															
200023	1	0	124 44.00'W	48 45.00'N	2	1.35	2.80	2.45	2.1	0.0	0.78	0.0	0.0	0.0	COMP BONANZA VOLC.
200023	2	0	124 44.00'W	48 45.00'N	2	1.84	3.94	3.27	2.1	0.0	1.06	0.0	0.0	0.0	ISLAND INTRUSIONS
200023	3	0	124 44.00'W	48 45.00'N	2	2.74	5.50	2.92	2.0	0.0	1.37	0.0	0.0	0.0	ISLAND INTRUSIONS
200023	4	0	124 44.00'W	48 45.00'N	2	0.88	1.90	1.87	2.2	0.0	0.54	0.0	0.0	0.0	WEST COAST COMPLEX
200023	5	0	124 44.00'W	48 45.00'N	2	1.62	3.51	1.29	2.2	0.0	0.79	0.0	0.0	0.0	COMP BONANZA VOLC.

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT ZONE	LOCATION EAST	NORTH	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT ERROR	HEAT PROD. (MW/m ³)	DENSITY (KG/m ³)	AGE (MA)	N ROCK TYPE, ETC.
Whitehorse Batholith														
200024	1	1444	08V		5063	67180	1	12.60	14.70	1.79	1.2	0.0	0.0	0.0
200024	2	1416	08V		4974	67224	1	2.27	6.13	2.26	2.7	0.0	1.23	0.0
200024	3	1429	08V		4969	67272	1	4.95	9.66	1.30	2.0	0.0	2.08	0.0
200024	4	1445	08V		4915	67332	1	2.62	9.47	1.60	3.6	0.0	1.49	0.0
200024	5	1446	08V		4911	67322	1	3.93	15.40	1.11	3.9	0.0	2.20	0.0
200024	7	1448	08V		4905	67324	1	3.57	17.25	0.77	2.0	0.0	1.50	0.0
200024	6	1447	08V		5067	67175	1	4.44	16.00	2.81	3.6	0.0	2.54	0.0
200024	8	1427	08V		4915	67318	1	4.82	15.70	1.57	3.3	0.0	2.50	0.0
200024	9	1449	08V		4919	67346	1	1.47	2.53	1.40	1.7	0.0	0.69	0.0
200024	10	1428	08V		4922	67204	1	5.30	20.30	3.64	3.8	0.0	3.14	0.0
200024	11	1431	08V		4933	67250	1	2.48	6.91	1.40	2.8	0.0	1.26	0.0
200024	12	1430	08V		4935	67261	1	7.70	37.70	2.10	0.5	0.0	22.71	0.0
200024	13	1432	08V		4932	67260	1	1.79	5.26	0.22	2.9	0.0	0.85	0.0
200024	14	1433	08V		4932	67246	1	1.44	3.80	0.54	2.6	0.0	0.69	0.0
200024	15	1450	08V		4944	67249	1	3.40	13.80	1.61	4.1	0.0	2.00	0.0
200024	17	1434	08V		4957	67234	1	2.82	17.80	1.65	6.3	0.0	2.14	0.0
200024	18	1435	08V		4977	67194	1	3.95	9.92	1.83	2.5	0.0	1.89	0.0
200024	19	1451	08V		4977	67194	1	4.09	17.80	1.78	4.4	0.0	2.48	0.0
200024	20	1436	08V		4969	67219	1	3.36	10.90	1.23	3.2	0.0	1.75	0.0
200024	21	1452	08V		5003	67165	1	2.75	11.80	1.50	4.3	0.0	1.68	0.0
200024	22	1437	08V		5020	67157	1	2.42	14.10	1.49	5.8	0.0	1.76	0.0
200024	23	1417	08V		5178	66655	1	7.19	17.50	3.40	2.4	0.0	3.41	0.0
200024	24	1418	08V		4415	67423	1	3.67	14.10	3.19	3.8	0.0	2.24	0.0
200024	25	1419	08V		5047	67253	1	1.16	0.42	0.12	0.4	0.0	0.34	0.0
200024	26	1453	08V		5064	67244	1	3.50	15.20	1.44	4.3	0.0	2.11	0.0
200024	27	1420	08V		4935	67261	1	3.01	1.99	0.13	0.7	0.0	0.93	0.0
200024	28	1421	08V		4932	67260	1	1.97	11.90	1.30	6.0	0.0	1.47	0.0
200024	29	1422	08V		4957	67234	1	2.64	12.00	1.03	4.5	0.0	1.62	0.0
200024	30	1423	08V		4985	67250	1	0.53	1.50	0.73	2.8	0.0	0.31	0.0
200024	31	1424	08V		4985	67250	1	0.48	1.49	0.71	3.1	0.0	0.30	0.0
200024	32	1425	08V		5064	67244	1	4.09	8.74	5.26	2.1	0.0	2.17	0.0
200024		1426						2.36	0.33	0.17	0.1	0.0	0.65	0.0

A DENSITY OF 2670 KG/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	NORTH	M	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE:	N	ROCK TYPE, ETC.
			EAST		(PPM)	(PPM)	(PPM)	(PPM)	(%)	ERROR	(W/m^3)	(Kg/m^3)	(MA)		
200025	1	1408	08V	5103	67395	1	5.59	23.00	3.25	4.1	0.0	3.37	0.0	0.0	0
200025	2	1412	08V	5136	67079	1	3.03	10.90	2.70	3.6	0.0	1.81	0.0	0.0	0
200025	3	1411	08V	5083	66768	1	4.29	13.20	3.28	3.1	0.0	2.35	0.0	0.0	0
200025	4	1410	08V	4783	66798	1	5.14	16.10	4.04	3.5	0.0	2.98	0.0	0.0	0
200025	5	1409	08V	4615	66733	1	3.69	14.20	3.13	3.8	0.0	2.25	0.0	0.0	0
200025	6	1413	08V	4596	66720	1	4.38	8.74	3.11	2.0	0.0	2.04	0.0	0.0	0
200025	7	1414	08V	4596	66720	1	5.81	18.20	4.99	3.1	0.0	3.25	0.0	0.0	0
200025	8	1415	08V	4879	66800	1	1.11	3.17	2.97	0.0	0.79	0.0	0.0	0.0	0
															APLITE

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	K	Th/U (%)	Th/U ERROR	ZCT PROD. (m^{-3})	HEAT PROD. (m^{-3})	DENSITY (Kg/m^3)	AGE (MA)	ROCK TYPE, ETC.
2000031	1	1674	127° 44' 33" W	52° 16' 15" N	2	2.51	5.19	2.1	0.0	0.0	0.0	0.0	0.0
2000031	2	1675	127° 45' 28" W	52° 14' 53" N	2	1.02	3.49	1.18	0.0	0.62	0.0	0.0	0.0
2000031	3	1676	127° 46' 39" W	52° 13' 58" N	2	0.65	3.81	1.27	5.9	0.0	0.56	0.0	0.0
2000031	4	1677	127° 47' 1" W	52° 13' 26" N	2	2.12	6.66	2.08	3.1	0.0	1.21	0.0	0.0
2000031	5	1678	127° 49' 31" W	52° 10' 53" N	2	2.34	7.76	2.53	3.3	0.0	1.39	0.0	0.0
2000031	6	1679	127° 2' 59" W	52° 38' 24" N	2	1.75	5.49	1.85	3.1	0.0	1.01	0.0	0.0
2000031	7	1680	127° 3' 20" W	52° 38' 23" N	2	1.84	5.14	2.12	2.8	0.0	1.04	0.0	0.0
2000031	8	1681	127° 8' 35" W	52° 34' 31" N	2	0.87	4.18	0.90	4.8	0.0	0.60	0.0	0.0
2000031	9	1682	127° 4' 21" W	52° 38' 11" N	2	1.65	6.97	1.85	4.2	0.0	1.09	0.0	0.0
2000031	10	1683	127° 4' 7" W	52° 38' 12" N	2	2.31	5.63	2.14	2.4	0.0	1.20	0.0	0.0
2000031	11	1684	127° 28' 13" W	52° 11' 20" N	2	1.21	3.82	3.45	3.2	0.0	0.91	0.0	0.0
2000031	12	1728	127° 27' 53" W	52° 11' 28" N	2	1.50	4.47	3.51	3.0	0.0	1.04	0.0	0.0
2000031	13	1685	127° 27' 29" W	52° 11' 34" N	2	0.81	2.65	3.80	3.3	0.0	0.76	0.0	0.0
2000031	14	1687	127° 29' 50" W	52° 12' 33" N	2	1.28	4.30	4.37	3.4	0.0	1.05	0.0	0.0
2000031	15	1688	127° 48' 42" W	53° 51' 29" N	2	0.90	5.06	1.72	5.6	0.0	0.75	0.0	0.0
2000031	16	1689	127° 48' 55" W	53° 51' 29" N	2	0.48	1.29	0.47	2.7	0.0	0.26	0.0	0.0
2000031	17	1690	128° 49' 12" W	53° 51' 49" N	2	1.02	1.89	0.66	1.9	0.0	0.46	0.0	0.0
2000031	18	1691	128° 50' 48" W	53° 51' 25" N	2	0.84	3.09	1.10	3.7	0.0	0.54	0.0	0.0
2000031	19	1692	128° 51' 55" W	53° 50' 7" N	2	0.54	1.68	1.36	3.1	0.0	0.39	0.0	0.0
2000031	20	1693	128° 52' 1" W	53° 49' 6" N	2	0.77	2.40	2.24	3.1	0.0	0.58	0.0	0.0
2000031	21	1694	128° 52' 13" W	53° 48' 53" N	2	1.14	3.24	1.89	2.8	0.0	0.70	0.0	0.0
2000031	22	1695	128° 53' 55" W	53° 48' 16" N	2	0.70	1.73	1.54	2.5	0.0	0.45	0.0	0.0
2000031	24	1696	129° 5' 8" W	53° 8' 6" N	2	1.19	2.19	0.87	1.8	0.0	0.54	0.0	0.0
2000031	25	1697	129° 5' 0" W	53° 7' 53" N	2	0.51	1.94	0.75	3.8	0.0	0.34	0.0	0.0
2000031	26	1698	129° 5' 13" W	53° 6' 51" N	2	0.93	2.86	0.70	3.1	0.0	0.51	0.0	0.0
2000031	27	1699	129° 5' 13" W	53° 6' 51" N	2	1.42	3.98	0.24	2.8	0.0	0.67	0.0	0.0
2000031	28	1700	129° 5' 7" W	53° 6' 6" N	2	1.32	6.00	1.65	4.5	0.0	0.92	0.0	0.0
2000031	29	1701	129° 0' 0" W	50° 0' 0" N	2	0.24	0.96	0.22	4.0	0.0	0.15	0.0	0.0
2000031	30	1702	129° 37' 18" W	55° 27' 32" N	2	1.50	6.00	2.12	4.0	0.0	1.01	0.0	0.0
2000031	31	1703	129° 35' 54" W	55° 27' 32" N	2	3.08	21.10	3.64	6.9	0.0	2.63	0.0	0.0
2000031	32	1704	129° 36' 32" W	55° 27' 31" N	2	1.87	6.28	2.12	3.4	0.0	1.13	0.0	0.0
2000031	33	1705	129° 35' 28" W	55° 27' 30" N	2	1.97	5.38	1.93	2.7	0.0	1.07	0.0	0.0
2000031	34	1706	129° 35' 5" W	55° 26' 37" N	2	5.88	13.30	2.53	2.3	0.0	2.69	0.0	0.0
2000031	35	1707	129° 35' 56" W	55° 26' 42" N	2	6.07	4.00	2.80	7.2	0.0	4.93	0.0	0.0
2000031	36	1716	129° 36' 35" W	55° 26' 47" N	2	4.95	29.60	3.54	6.0	0.0	3.70	0.0	0.0
2000031	37	1717	129° 37' 36" W	55° 26' 47" N	2	8.97	16.50	3.02	1.8	0.0	3.76	0.0	0.0
2000031	38	1708	129° 48' 31" W	55° 15' 58" N	2	4.03	17.40	4.43	4.3	0.0	2.69	0.0	0.0
2000031	39	1709	129° 49' 53" W	55° 13' 58" N	2	12.60	19.60	3.59	1.6	0.0	4.96	0.0	0.0
2000031	40	1720	129° 51' 3" W	55° 12' 47" N	2	2.60	13.70	4.12	5.3	0.0	2.03	0.0	0.0
2000031	41	1721	129° 51' 16" W	55° 11' 50" N	2	4.98	13.00	2.22	2.6	0.0	2.41	0.0	0.0
2000031	42	1722	130° 21' 25" W	54° 44' 16" N	2	0.83	3.65	1.52	4.4	0.0	0.62	0.0	0.0
2000031	43	1723	130° 22' 26" W	54° 43' 8" N	2	0.52	7.86	1.65	15.1	0.0	0.85	0.0	0.0
2000031	44	1724	130° 20' 48" W	54° 44' 2" N	2	1.02	11.20	2.86	11.0	0.0	1.32	0.0	0.0
2000031	45	1725	130° 20' 19" W	54° 44' 22" N	2	0.63	5.20	1.94	8.3	0.0	0.71	0.0	0.0
2000031	46	1726	130° 19' 37" W	54° 44' 46" N	2	1.14	1.53	3.37	1.3	0.0	0.72	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	NORTH	M	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
			EAST		(PPM)	(PPM)	(PPM)	(%)		ERROR	(uW/m^3)	(Kg/m^3)	(MA)		
200032	1	1818	11U	3897	54753	2	0.62	0.86	1.4	0.0	0.30	0.0	0.0	0.0	0
200032	2	1819	11U	3889	54728	2	2.19	17.90	4.22	8.2	0.0	2.23	0.0	0.0	0
200032	3	1820	11U	3905	54724	2	4.89	36.40	4.35	7.4	0.0	4.24	0.0	0.0	0
200032	4	1821	11U	3905	54724	2	3.26	13.20	5.28	4.0	0.0	2.27	0.0	0.0	0
200032	5	1810	11U	3903	54725	2	2.22	11.00	4.12	5.0	0.0	1.74	0.0	0.0	0
200032	7	1829	11U	3889	54728	2	2.43	8.59	5.71	3.5	0.0	1.78	0.0	0.0	0
200032	8	1830	11U	3974	54734	2	0.92	2.00	5.92	2.2	0.0	0.93	0.0	0.0	0
200032	9	1822	11U	3959	54734	2	4.91	29.60	5.22	6.0	0.0	3.85	0.0	0.0	0
200032	10	1828	11U	3966	54748	2	5.95	20.20	5.61	3.4	0.0	3.49	0.0	0.0	0
200032	11	1831	11U	3970	54767	2	8.52	40.90	5.06	4.8	0.0	5.56	0.0	0.0	0
200032	12	1824	11U	4324	54279	2	7.86	33.40	4.63	4.2	0.0	4.82	0.0	0.0	0
200032	13	1826	11U	4329	54286	2	6.19	29.20	4.25	4.7	0.0	4.06	0.0	0.0	0
200032	14	1833	11U	4372	54441	2	4.20	26.30	3.83	6.3	0.0	3.30	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT ERROR	HEAT PROD. (W/m^3)	DENSITY (kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
Asbestos Hill														
200033	1	1923	74 10.00'W	62	4.50'N	2	1.05	3.99	2.20	3.8	0.0	0.76	0.0	0.0
200033	2	1927	74 10.00'W	62	4.50'N	2	0.99	2.20	0.79	2.2	0.0	0.49	0.0	0.0
200033	3	1925	74 10.00'W	62	4.50'N	2	0.16	0.90	0.69	5.6	0.0	0.17	0.0	0.0
200033	4	1924	74 40.00'W	62	7.50'N	2	0.57	1.36	1.01	2.4	0.0	0.34	0.0	0.0
200033	5	1928	74 40.00'W	62	7.50'N	2	0.40	0.74	0.39	1.9	0.0	0.19	0.0	0.0
200033	6	1926	74 40.00'W	62	7.50'N	2	1.81	13.80	2.57	7.6	0.0	1.68	0.0	0.0

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE (MA)	N	ROCK TYPE, ETC.
					(PPM)	(PPM)	(PPM)	(%)		ERROR	(UW/m^3)	(Kg/m^3)			
Salmo															
200034	1	2201	117 14.50'W	49 6.50'N	2	2.75	8.09	3.50	2.9	0.0	1.61	0.0	0.0	0	unit 22a
200034	2	2202	117 14.50'W	49 6.50'N	2	3.48	10.20	3.75	2.9	0.0	1.97	0.0	0.0	0	unit 22a
200034	3	2203	117 14.50'W	49 6.50'N	2	2.99	9.00	3.71	3.0	0.0	1.76	0.0	0.0	0	unit 22a
200034	4	2204	117 15.80'W	49 11.74'N	2	14.50	28.80	4.21	2.0	0.0	6.16	0.0	0.0	0	unit 19b
200034	5	2205	117 15.80'W	49 11.74'N	2	4.06	30.10	3.99	7.4	0.0	3.55	0.0	0.0	0	unit 19b
200034	6	2206	117 15.80'W	49 11.74'N	2	5.73	28.80	4.02	5.0	0.0	3.89	0.0	0.0	0	unit 19b
200034	7	2207	117 12.50'W	49 16.20'N	2	3.88	9.91	4.71	2.6	0.0	2.15	0.0	0.0	0	unit 22
200034	8	2208	117 12.50'W	49 16.20'N	2	4.54	9.28	4.53	2.0	0.0	2.25	0.0	0.0	0	unit 22

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	Th/U	ZCT ERROR	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(°N)	(ppm)	(ppm)	(ppm)	(%)		(μm/m³)	(Kα/m³)	(Ma)			
Haven Lake															
200035	1	2319	127	0.50'W	53 17.50'N	2 11.10	37.70	4.21	3.4	0.0	5.91	0.0	0.0	0.0	0
200035	2	2320	127	0.50'W	53 17.50'N	2 12.90	37.40	4.14	2.9	0.0	6.35	0.0	0.0	0.0	0

A DENSITY OF 2670 K_α/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FRONT. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U	ZCT ERROR	HEAT FROB. ($\mu\text{W/m}^3$)	DENSITY (Kg/m^3)	AGE (MA)	ROCK TYPE, ETC.
Thompson Plateau															
2000038	6	0	120 43'33''W	49 49'20''N	2	2.25	5.99	0.47	2.7	0.0	1.05	0.0	0.0	0.0	Andesite Porphyry
2000038	8	0	120 47.92'W	49 49.50'N	2	1.97	3.90	1.69	2.0	0.0	0.94	0.0	0.0	0.0	Porphyry, Basalt
2000038	9	0	120 50.08'W	49 49.75'N	2	1.39	4.46	0.54	3.2	0.0	0.72	0.0	0.0	0.0	Lapilli Tuff
2000038	13	0	120 38.33'W	49 46.90'N	2	2.35	5.01	2.62	2.1	0.0	1.21	0.0	0.0	0.0	Granite
2000038	16	0	120 30.00'W	49 47.68'N	2	0.68	1.21	0.63	1.8	0.0	0.32	0.0	0.0	0.0	Tuff
2000038	18	0	120 25.17'W	49 45.15'N	2	1.39	2.98	2.28	2.1	0.0	0.79	0.0	0.0	0.0	Basalt
2000038	21	0	120 25.92'W	49 42.00'N	2	2.90	8.85	2.52	3.1	0.0	1.61	0.0	0.0	0.0	Monzonite
2000038	22	0	120 38.35'W	49 45.30'N	2	2.78	7.71	2.70	2.8	0.0	1.52	0.0	0.0	0.0	Granite
2000038	23	0	120 10.00'W	49 47.75'N	2	3.11	10.10	3.55	3.2	0.0	1.85	0.0	0.0	0.0	Granite
2000038	24	0	120 14.33'W	49 47.33'N	2	5.91	14.40	4.24	2.4	0.0	2.94	0.0	0.0	0.0	Quartz Monzonite
2000038	27	0	119 58.10'W	49 48.15'N	2	3.00	10.60	3.02	3.5	0.0	1.81	0.0	0.0	0.0	Qtz-biot. Porphyry
2000038	28	0	119 59.17'W	49 48.42'N	2	3.09	4.06	2.21	1.3	0.0	1.29	0.0	0.0	0.0	Grandiorite
2000038	29	0	120 18.50'W	49 47.97'N	2	3.13	14.00	3.71	4.5	0.0	2.15	0.0	0.0	0.0	Qtz-biot. Grandiorite
2000038	30	0	119 32.33'W	49 41.00'N	2	0.63	7.54	2.85	5.6	12.0	0.68	0.0	0.0	0.0	Granite
2000038	31	0	119 24.25'W	49 41.00'N	2	1.93	24.60	4.07	12.7	1.0	2.62	0.0	0.0	0.0	Granodiorite
2000038	32	0	119 17.50'W	49 40.67'N	2	1.60	12.90	3.79	8.1	4.0	1.68	0.0	0.0	0.0	Granodiorite
2000038	33	0	119 15.50'W	49 39.90'N	2	2.45	17.70	3.73	7.2	3.0	2.23	0.0	0.0	0.0	Granodiorite
2000038	34	0	119 13.00'W	49 41.68'N	2	1.73	12.40	4.18	7.2	6.0	1.72	0.0	0.0	0.0	Granite
2000038	35	0	119 10.42'W	49 43.50'N	2	7.12	27.40	4.24	3.8	1.0	4.17	0.0	0.0	0.0	Granite Gneiss
2000038	36	0	119 8.00'W	49 45.22'N	2	0.47	1.33	0.63	2.8	23.0	0.27	0.0	0.0	0.0	Basalt
2000038	37	0	119 5.53'W	49 47.10'N	2	4.32	1.72	5.65	0.4	8.0	1.77	0.0	0.0	0.0	Paragneiss
2000038	38	0	118 57.58'W	49 42.63'N	2	2.30	29.30	4.20	12.7	2.0	3.06	0.0	0.0	0.0	Granodiorite
2000038	40	0	118 27.50'W	50 3.32'N	2	3.02	7.51	2.65	2.5	6.0	1.56	0.0	0.0	0.0	Granodiorite
2000038	41	0	118 31.08'W	50 2.50'N	2	1.77	6.07	3.22	3.4	7.0	1.19	0.0	0.0	0.0	Granite
2000038	42	0	118 33.25'W	50 1.90'N	2	1.42	0.77	1.94	0.5	14.0	0.61	0.0	0.0	0.0	Quartz Monzonite
2000038	43	0	118 37.67'W	49 59.32'N	2	2.30	11.80	2.94	5.1	8.0	1.70	0.0	0.0	0.0	Quartz Monzonite
2000038	44	0	118 40.50'W	49 57.42'N	2	1.14	6.86	2.33	6.0	12.0	1.00	0.0	0.0	0.0	Diorite
2000038	45	0	118 41.17'W	49 54.42'N	2	1.84	3.30	1.34	1.8	15.0	0.83	0.0	0.0	0.0	Ausen Gneiss
2000038	46	0	118 42.08'W	49 50.88'N	2	6.62	14.70	5.94	2.2	2.0	3.31	0.0	0.0	0.0	Quartz Monzonite
2000038	47	0	118 42.92'W	49 47.68'N	2	3.10	8.76	1.82	2.8	6.0	1.59	0.0	0.0	0.0	Quartz Diorite
2000038	48	0	118 48.75'W	49 45.53'N	2	4.17	27.70	4.89	6.6	2.0	3.49	0.0	0.0	0.0	Granite
2000038	49	0	118 45.92'W	49 49.83'N	2	3.10	9.67	3.36	3.1	7.0	1.80	0.0	0.0	0.0	Ausen Gneiss

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROB. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	Th/U	ZCT ERROR	HEAT FROD. ($\mu\text{W}/\text{m}^3$)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
VECTOR CRUISE 1982															
200039	1	0	124 52.00'W	50 35.30'N	2	1.25	5.31	1.13	4.2	9.0	0.80	0.0	0.0	0	
200039	2	0	124 47.25'W	50 19.00'N	2	1.63	4.30	1.31	2.6	9.0	0.85	0.0	0.0	0	
200039	3	0	124 47.30'W	50 18.90'N	2	2.01	7.67	2.76	3.8	4.0	1.32	0.0	0.0	0	
200039	4	0	124 47.30'W	50 19.55'N	2	0.58	0.76	0.36	1.3	33.0	0.24	0.0	0.0	0	

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	ZCT	HEAT FROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(°N)	(ppm)	(ppm)	(r.p.m.)	(%)	TH/U	(J/m/m^3)	(kg/m^3)	(MA)		
Garibaldi														
200040	1	0	123 1.38'W	50 32.74'N	2	1.78	4.10	1.98	2.3	6.0	0.94	0.0	0.0	0.0
200040	2	0	123 1.36'W	50 32.35'N	2	0.90	1.72	0.41	1.9	7.0	0.39	0.0	0.0	0.0
200040	3	0	123 7.53'W	50 27.45'N	2	2.08	4.82	0.74	2.3	5.0	0.95	0.0	0.0	0.0
200040	4	0	123 12.19'W	50 27.20'N	2	1.80	3.70	1.71	2.1	4.0	0.89	0.0	0.0	0.0
200040	5	0	123 10.36'W	50 27.38'N	2	0.76	2.00	3.16	2.6	4.0	0.64	0.0	0.0	0.0
200040	100005	0	123 10.36'W	50 27.38'N	2	0.54	1.20	0.49	2.2	23.0	0.27	0.0	0.0	0.0
200040	6	0	123 1.83'W	50 28.38'N	2	0.17	0.20	1.13	1.2	14.0	0.17	0.0	0.0	0.0
200040	100006	0	123 1.83'W	50 28.38'N	2	0.48	0.90	0.88	1.9	8.0	0.27	0.0	0.0	0.0
200040	7	0	0 0.00'W	0 0.00'N	2	0.25	0.19	0.69	0.8	35.0	0.14	0.0	0.0	0.0
200040	8	0	0 0.00'W	0 0.00'N	2	0.92	1.53	2.11	1.7	4.0	0.55	0.0	0.0	0.0
200040	9	0	123 32.81'W	50 12.81'N	2	0.21	0.60	0.49	2.9	9.0	0.14	0.0	0.0	0.0
200040	10	0	123 32.60'W	50 12.70'N	2	0.10	0.33	0.42	3.3	20.0	0.09	0.0	0.0	0.0
200040	11	0	123 32.49'W	50 12.51'N	2	0.39	0.74	0.21	1.9	36.0	0.17	0.0	0.0	0.0
200040	12	0	123 32.19'W	50 12.20'N	2	0.91	4.23	1.55	4.6	4.0	0.68	0.0	0.0	0.0
200040	13	0	123 31.91'W	50 11.61'N	2	11.01	2.16	1.20	0.2	8.0	3.10	0.0	0.0	0.0
200040	14	0	123 31.40'W	50 10.62'N	2	0.80	5.54	1.11	6.9	5.0	0.70	0.0	0.0	0.0
200040	15	0	123 30.34'W	50 9.14'N	2	0.77	2.88	0.71	3.7	17.0	0.47	0.0	0.0	0.0
200040	16	0	123 27.06'W	50 7.61'N	2	1.11	2.66	1.72	2.4	4.0	0.64	0.0	0.0	0.0
200040	17	0	123 21.83'W	50 13.04'N	2	1.35	4.78	1.66	3.5	9.0	0.84	0.0	0.0	0.0
200040	18	0	123 24.51'W	50 12.14'N	2	0.12	1.08	0.69	2.6	8.0	0.25	0.0	0.0	0.0
200040	19	0	123 23.66'W	50 9.74'N	2	1.77	4.46	0.99	2.5	10.0	0.86	0.0	0.0	0.0

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT LONGITUDE	LOCATION LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT (uW/m^3)	HEAT PROD. (Kw/m^3)	DENSITY (kg/m^3)	AGF (MA)	N	ROCK TYPE, ETC.
Alert Bay														
200041	1	0	127 14.28'W	50 32.36'N	2	0.22	0.68	0.28	3.1	15.0	0.13	0.0	0.0	0 Basalt
200041	2	0	127 20.13'W	50 32.28'N	2	0.37	1.35	1.42	3.6	26.0	0.33	0.0	0.0	0 Basalt
200041	3	0	127 24.19'W	50 33.16'N	2	0.15	0.59	1.18	3.9	35.0	0.19	0.0	0.0	0 Basalt
200041	4	0	127 25.11'W	50 35.78'N	2	2.20	5.17	2.40	2.5	5.0	1.18	0.0	0.0	0 Grandiorite
200041	5	0	127 27.32'W	50 28.36'N	2	1.61	0.01	0.01	0.0	12.0	0.42	0.0	0.0	0 Basalt
200041	6	0	127 24.87'W	50 27.00'N	2	2.83	6.43	1.96	2.3	6.0	1.37	0.0	0.0	0 Limestone
200041	7	0	127 21.47'W	50 25.23'N	2	1.13	0.11	0.01	0.1	2.0	0.30	0.0	0.0	0 Limestone
200041	8	0	127 22.51'W	50 27.74'N	2	0.20	0.90	0.00	4.5	91.0	0.11	0.0	0.0	0 Basalt
200041	9	0	127 22.96'W	50 31.70'N	2	0.04	0.14	0.30	999.9	27.0	0.05	0.0	0.0	0 Basalt
200041	99	0	127 9.57'W	50 34.38'N	2	1.67	4.62	1.79	2.8	10.0	0.93	0.0	0.0	0 Dacite
200041	100002	0	127 20.13'W	50 32.28'N	2	0.18	0.56	0.02	3.1	19.0	0.09	0.0	0.0	0 Basalt

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M	U (PPM)	Th (PPM)	K (%)	ZCT ERROR (uW/m^3)	Th/U ERROR (uW/m^3)	HEAT FROD. (Kw/m^3)	DENSITY (Kg/m^3)	AGE (MA)	R ROCK TYPE, ETC.
Surface samples from Garibaldi boreholes 1983														
200042	20	2789	123 34.17'W	50 15.03'N	2	0.64	1.31	0.73	2.0	6.6	0.33	0.0	0.0	Quartz Diorite
200042	21	2790	123 33.77'W	50 14.55'N	2	0.54	2.25	0.63	4.2	9.1	0.36	0.0	0.0	Quartz Diorite
200042	23	2791	123 33.64'W	50 13.77'N	2	0.67	3.65	0.80	5.4	3.2	0.51	0.0	0.0	Quartz Diorite
200042	24	2792	123 12.43'W	50 26.97'N	2	1.82	3.70	2.00	2.0	3.6	0.92	0.0	0.0	Quartz Diorite

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H (PPM)	U (PPM)	Th (rPPM)	K (%)	Th/U ERROR	%CT	HEAT FROD. (uW/m ²)	DENSITY (Kg/m ³)	AGE (MA)	N	ROCK TYPE, ETC.
300002	1	758	116 35'	0°W	49 57'	0°N	0	7.16	25.00	3.72	3.5	0.0	3.96	0.0	0.0	1
300002	2	757	116 28'	0°W	50 1'	0°N	0	4.79	28.30	3.92	5.9	0.0	3.60	0.0	0.0	1
300002	3	759	0 0'	0°W	0 0'	0°N	0	6.11	24.30	3.48	4.0	0.0	3.62	0.0	830.0	1
300002	4	760	116 51'	0°W	50 5'	0°N	0	3.89	6.87	4.41	1.8	0.0	1.91	0.0	630.0	2
300002	5	761	0 0'	0°W	0 0'	0°N	0	7.99	27.80	3.88	3.5	0.0	4.38	0.0	890.0	1
300002	6	762	116 46'	0°W	50 1'	0°N	0	9.33	9.98	4.05	1.1	0.0	3.49	0.0	0.0	1
300002	7	763	0 0'	0°W	0 0'	0°N	0	3.70	25.40	3.94	6.9	0.0	3.12	0.0	0.0	2
300002	8	764	116 34'	0°W	49 52'	0°N	0	7.74	29.20	4.36	3.8	0.0	4.46	0.0	0.0	1

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT ERROR	HEAT FROB. ($\mu\text{W/m}^2$)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
				($^{\circ}\text{N}$)	(PPM)	(PPM)	(PPM)	(%)							
300003	1	765	117 50' 1" W	51 20' 0" N	0	2.60	6.23	3.48	2.4	0.0	1.44	0.0	1680.0	1	HGRANODIORITE
300003	2	766	0 0' 0" W	0 0' 0" N	0	9.83	28.00	4.41	2.8	0.0	4.92	0.0	910.0	1	FINE QTZ MONZONITE
300003	3	767	0 0' 0" W	0 0' 0" N	0	11.20	29.10	3.53	2.6	0.0	5.27	0.0	0.0	2	B QTZ MONZONITE
300003	4	768	0 0' 0" W	0 0' 0" N	0	6.56	24.90	3.20	3.8	0.0	3.75	0.0	1	QTZ MONZONITE	
300003	5	777	0 0' 0" W	0 0' 0" N	0	12.50	28.90	3.94	2.3	0.0	5.63	0.0	940.0	1	LEUCE QTZ MONZONIT
300003	6	774	0 0' 0" W	0 0' 0" N	0	7.05	24.30	2.88	3.4	0.0	3.80	0.0	0.0	2	H GRANODIORITE

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROB. IF THF INTENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	N	U	Th	K	Th/U	ZCT	HEAT FROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
					(PPM)	(PPM)	(PPM)	(%)		ERROR	(uW/m^3)	(Kg/m^3)	(MA)		
Nelson Batholith															
300004	1	797	0	0' 0"W	0	0' 0"N	0	3.77	7.32	2.84	1.9	0.0	1.76	0.0	0.0
300004	2	796	0	0' 0"W	0	0' 0"N	0	4.27	8.54	3.02	2.0	0.0	1.99	0.0	0.0
300004	3	804	0	0' 0"W	0	0' 0"N	0	2.65	7.03	2.88	2.7	0.0	1.45	0.0	0.0
300004	4	803	0	0' 0"W	0	0' 0"N	0	1.82	9.73	3.44	5.3	0.0	1.48	0.0	0.0
300004	5	801	0	0' 0"W	0	0' 0"N	0	10.50	11.80	3.95	1.1	0.0	3.91	0.0	0.0
300004	6	799	0	0' 0"W	0	0' 0"N	0	3.90	14.90	2.74	3.8	0.0	2.31	0.0	0.0
300004	7	792	0	0' 0"W	0	0' 0"N	0	0.97	1.41	2.97	1.5	0.0	0.63	0.0	0.0
300004	8	790	117 11' 0" W	19 53' 0" N	0	4.32	13.50	2.87	3.1	0.0	2.34	0.0	0.0	1	0.0
300004	9	794	0	0' 0"W	0	0' 0"N	0	2.41	6.04	4.40	2.5	0.0	1.47	0.0	0.0
300004	10	795	117 8' 0" W	19 56' 0" N	0	3.10	9.02	3.21	2.9	0.0	1.74	0.0	1710.0	1	1
300004	11	791	0	0' 0"W	0	0' 0"N	0	1.20	4.83	4.60	4.0	0.0	1.09	0.0	0.0
300004	12	793	0	0' 0"W	0	0' 0"N	0	6.18	34.00	4.62	5.5	0.0	4.43	0.0	0.0
300004	13	798	0	0' 0"W	0	0' 0"N	0	2.66	8.46	3.51	3.2	0.0	1.62	0.0	0.0
300004	14	789	0	0' 0"W	0	0' 0"N	0	2.77	7.99	3.40	2.9	0.0	1.60	0.0	0.0
300004	15	781	117 6' 0" W	49 49' 0" N	0	4.06	7.31	3.31	1.8	0.0	1.88	0.0	0.0	1	0.0
300004	16	788	0	0' 0"W	0	0' 0"N	0	7.57	34.20	5.72	4.5	0.0	4.90	0.0	0.0
300004	17	785	0	0' 0"W	0	0' 0"N	0	2.43	4.77	3.77	2.0	0.0	1.32	0.0	0.0
300004	18	784	0	0' 0"W	0	0' 0"N	0	6.06	15.30	2.86	2.5	0.0	2.91	0.0	1
300004	19	780	0	0' 0"W	0	0' 0"N	0	6.31	9.72	3.15	1.5	0.0	2.61	0.0	0.0
300004	20	786	117 2' 48" W	19 51' 30" N	0	3.37	7.23	2.92	2.1	0.0	1.66	0.0	1310.0	1	1
300004	21	787	0	0' 0"W	0	0' 0"N	0	1.60	3.06	4.04	1.9	0.0	1.01	0.0	0.0
300004	22	783	0	0' 0"W	0	0' 0"N	0	3.26	12.30	3.09	3.8	0.0	2.00	0.0	1
300004	23	775	0	0' 0"W	0	0' 0"N	0	3.84	13.00	3.07	3.4	0.0	2.20	0.0	0.0
300004	24	782	0	0' 0"W	0	0' 0"N	0	3.67	9.78	2.83	2.7	0.0	1.90	0.0	0.0
300004	25	772	117 7' 54" W	49 36' 36" N	0	2.37	10.50	3.05	4.4	0.0	1.64	0.0	0.0	1	0.0
300004	26	776	0	0' 0"W	0	0' 0"N	0	5.61	20.50	4.61	3.7	0.0	3.33	0.0	0.0
300004	27	778	0	0' 0"W	0	0' 0"N	0	3.79	26.60	4.87	7.0	0.0	3.31	0.0	0.0
300004	28	773	117 8' 64" W	49 42' 48" N	0	2.71	7.88	3.11	2.9	0.0	1.55	0.0	0.0	1	0.0
300004	29	771	117 20' 30" W	49 29' 18" N	0	6.38	10.30	2.91	1.6	0.0	2.64	0.0	630.0	1	1
300004	30	770	0	0' 0"W	0	0' 0"N	0	1.49	5.75	2.30	3.9	0.0	1.01	0.0	0.0
300004	31	769	117 12' 0" W	49 49' 0" N	0	3.29	8.45	2.97	2.6	0.0	1.73	0.0	0.0	1	0.0
300004	32	779	117 5' 54" W	49 36' 54" N	0	2.13	13.30	2.89	6.2	0.0	1.76	0.0	0.0	1	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE (MA)	N	ROCK TYPE, ETC.
				(°N)	(PPM)	(PPM)	(PPM)	(%)	(%)	FRMR	(JW/m^3)	(Kg/m^3)			
Bayonne, S.E. B.C.															
300005	1	807	0 0' 0" W	0 0' 0" N	0	5.99	7.33	2.83	1.2	0.0	2.33	0.0	0.0	0.0	2
300005	2	806	116 44' 18" W	49 24' 30" N	0	8.48	7.57	2.80	0.9	0.0	2.98	0.0	0.0	0.0	1
300005	3	805	0 0' 0" W	0 0' 0" N	0	2.26	8.95	1.93	4.0	0.0	1.40	0.0	0.0	0.0	2
300005	4	810	116 39' 18" W	49 17' 48" N	0	2.52	9.10	1.85	3.6	0.0	1.47	0.0	0.0	0.0	1
300005	5	800	0 0' 0" W	0 0' 0" N	0	5.67	10.30	3.06	1.8	0.0	2.48	0.0	0.0	0.0	2
300005	6	811	0 0' 0" W	0 0' 0" N	0	4.36	6.63	3.67	1.5	0.0	1.94	0.0	0.0	0.0	2
300005	7	809	116 43' 26" W	49 21' 54" N	0	6.80	19.30	3.46	2.8	0.0	3.44	0.0	0.0	0.0	1
300005	8	808	116 39' 0" W	49 16' 30" N	0	5.14	7.83	3.38	1.5	0.0	2.20	0.0	0.0	0.0	1

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	NORTH	H	U	Th	K	ZCT	HEAT FROD.	DENSITY	AGE (Ra)	ROCK TYPE, ETC.
			EAST	NORTH	(ppm)	(ppm)	(ppm)	(%)	TH/U ERROR	(uW/m ²)	(Kg/m ³)		
Southern Coast Plutonic Complex													
300006	10011	911	10	3872	55708	1	1.29	2.82	1.46	2.2	0.67	0.0	2 VOLCANIC BRECCIA
300006	10020	865	10	3936	55818	1	3.29	5.33	1.78	1.6	0.0	1.44	2 DIORITE
300006	10142	838	10	3480	56414	1	3.29	3.24	1.88	1.0	0.0	1.30	2 B/H-GRANODIORITE
300006	10143	840	10	3462	56379	1	0.88	1.64	0.94	1.9	0.0	0.46	2 H/B-QUARTZ DIORITE
300006	10157	907	10	3104	55928	1	1.61	5.22	2.20	3.2	0.0	0.98	2 H/B-GRANODIORITE
300006	10158	845	10	3072	55925	1	1.76	3.60	2.23	2.0	0.0	0.92	2 H/B-GRANODIORITE
300006	10162	912	10	3269	55861	1	0.86	2.65	1.73	3.1	0.0	0.58	2 H/B-GRANODIORITE
300006	10164	867	10	3319	55867	1	1.09	0.68	1.09	1.6	0.0	0.30	2 H/B-DIORITE
300006	10263	864	10	4205	55468	1	0.57	1.02	1.03	1.8	0.0	0.33	2 B=H-QUARTZ DIORITE
300006	10272	904	10	3990	55727	1	3.92	12.22	2.91	3.1	0.0	2.15	2 H/B-GRANODIORITE
300006	10276	868	10	4017	55833	1	1.60	3.78	1.78	2.4	0.0	0.85	2 B/H-GRANODIORITE
300006	10291	876	10	4259	55769	1	0.53	3.39	0.30	6.4	0.0	0.40	2 B-QUARTZ DIORITE
300006	10293	890	10	4287	55703	1	0.48	1.51	1.07	3.1	0.0	0.33	2 QUARTZ DIORITE
300006	10479	855	10	5509	55878	1	0.26	0.15	0.25	0.6	0.0	0.10	2 BASALT
300006	10487	881	10	5492	55817	1	1.04	1.12	0.97	1.1	0.0	0.46	2 B=H-QUARTZ DIORITE
300006	10491	918	10	5518	55816	1	0.58	1.88	1.06	3.2	0.0	0.40	2 B=H-QUARTZ DIORITE
300006	10494	839	10	5553	55887	1	0.80	4.22	1.73	5.3	0.0	0.67	2 PHYLLITE
300006	10495	916	10	5587	55913	1	0.98	2.30	1.31	2.3	0.0	0.55	2 B-QUARTZ DIORITE
300006	10570	848	10	5355	55766	1	1.04	1.45	1.56	1.4	0.0	0.54	2 B=H-GRANODIORITE
300006	10573	914	10	5415	55737	1	0.58	1.09	1.10	1.9	0.0	0.35	2 H/B-DIORITE
300006	10578	870	10	5271	55839	1	1.78	4.55	1.91	2.6	0.0	0.96	2 R/H-GRANODIORITE
300006	10585	879	10	5331	55809	1	2.10	4.01	2.98	1.9	0.0	1.09	2 B-QUARTZ MONZONITE
300006	10586	831	10	5363	55820	1	1.58	3.56	1.98	2.3	0.0	0.83	2 B-QUARTZ MONZONITE
300006	30078	863	10	3264	55936	1	0.54	0.82	0.89	1.5	0.0	0.29	2 H/B-DIORITE
300006	30079	844	10	3196	55942	1	0.83	1.36	0.97	1.6	0.0	0.42	2 H/B-QUARTZ DIORITE
300006	30081	847	10	3229	55970	1	1.01	2.17	1.42	2.1	0.0	0.55	2 B/H-GRANODIORITE
300006	30084	836	10	3294	55964	1	1.04	2.33	0.95	2.2	0.0	0.53	2 R-QUARTZ DIORITE
300006	30085	976	10	3276	55950	1	0.27	0.18	0.25	0.7	0.0	0.11	2 H-GABBRO
300006	30150	850	10	3473	55729	1	1.16	1.54	1.35	1.3	0.0	0.54	2 B/H-GRANODIORITE
300006	30181	851	10	3445	55732	1	1.35	1.33	1.24	1.0	0.0	0.56	2 B-QUARTZ DIORITE
300006	30182	842	10	3664	55649	1	0.26	0.14	0.22	0.5	0.0	0.10	2 H/B-QUARTZ DIORITE
300006	30244	846	10	3640	55794	1	3.85	3.62	1.58	0.9	0.0	1.45	2 VALCANIC BRECCIA
300006	30246	893	10	3665	55805	1	1.52	3.04	2.23	2.0	0.0	0.82	2 B/H-GRANODIORITE
300006	30250	841	10	3697	55786	1	1.29	3.07	1.90	2.4	0.0	0.73	2 H/B-GRANODIORITE
300006	30253	895	10	3747	55833	1	2.81	12.10	3.86	4.3	0.0	1.94	2 B-QUARTZ MONZONITE
300006	30365	835	10	4129	55680	1	2.17	5.52	2.34	2.2	0.0	1.27	2 B=H-GRANODIORITE
300006	30368	833	10	4121	55715	1	2.49	4.88	2.00	2.0	0.0	1.20	2 H/B-GRANODIORITE
300006	30372	866	10	4010	55748	1	8.04	14.94	2.43	1.9	0.0	3.36	2 B/H-GRANODIORITE
300006	30375	852	10	4058	55758	1	1.25	2.14	1.65	1.7	0.0	0.63	2 B-GRANODIORITE
300006	30531	869	10	5611	55768	1	0.94	2.95	2.27	3.1	0.0	0.66	2 B/H-GRANODIORITE
300006	30533	874	10	5690	55757	1	3.48	12.00	3.80	3.4	0.0	2.10	2 RHYOLITE
300006	30538	834	10	5614	55730	1	2.21	1.91	1.70	4.5	0.0	0.80	2 B-GRANODIORITE
300006	30541	837	10	5540	55709	1	0.45	1.95	0.35	4.3	0.0	0.99	2 CHERT
300006	30602	885	10	5230	56283	1	1.43	6.00	2.11	4.2	0.0	0.0	2 CHERT
300006	30603	887	10	5256	56242	1	1.34	2.85	1.43	2.1	0.0	0.70	2 H/B-DIOPRITE
300006	30610	854	10	5659	55437	1	1.06	1.40	2.56	1.3	0.0	0.67	2 B/H-GRANODIORITE
300006	30611	900	10	5625	55459	1	0.61	1.21	2.12	2.0	0.0	0.44	2 B/H-GRANODIORITE
300006	30621	875	10	5576	55508	1	2.13	4.91	1.51	2.3	0.0	1.04	2 NYKE

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	NORTH	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT CUM/m^3)	HEAT FREQ.	DENSITY (Kg/m^3)	AGE. (MA)	N ROCK TYPE, ETC.
300006	30643	910	10	5272	5622.4	1	1.18	4.57	1.75	3.9	0.0	0.0	B/H-QUARTZ BIOTITE
300006	30740	906	10	5012	5583.1	1	0.82	1.94	2.33	2.4	0.0	0.57	DACITE
300006	30746	832	10	5030	5575.8	1	0.87	1.46	0.83	1.7	0.0	0.42	CL-QUARTZ BIOTITE
300006	30749	849	10	5027	5572.6	1	1.92	5.00	1.91	2.6	0.0	1.03	B/H-GRANODIORITE
300006	30752	891	10	5020	5567.8	1	0.78	1.97	0.98	2.5	0.0	0.45	R=H-DIORITE
300006	30758	871	10	5144	5555.60	1	0.57	0.80	0.65	1.4	0.0	0.27	ANDESITE
												0.0	2

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FREQ. IF THF DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	ZONE	LOCATION	EAST	NORTH	M	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE, N	ROCK TYPE, ETC.
					(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(%)	ERROR	(uW/m^3)	(Kg/m^3)	(MA)		
300007	58	922	9	4352	65884	1	5.95	15.38	3.99	2.6	0.0	3.00	0.0	0.0	0	
300007	6593	886	9	3792	66368	1	1.64	5.68	2.24	3.5	0.0	1.04	0.0	0.0	0	
300007	65100	905	9	3828	66320	1	2.53	8.99	2.81	3.6	0.0	1.55	0.0	0.0	0	
300007	65103	902	9	3720	66288	1	2.31	7.81	3.16	3.4	0.0	1.45	0.0	0.0	0	
300007	65123	883	9	3972	66424	1	1.41	6.57	2.39	4.7	0.0	1.05	0.0	0.0	0	
300007	664	880	9	3772	65952	1	0.51	2.21	2.17	4.3	0.0	0.19	0.0	0.0	0	
300007	665	892	9	3534	66180	1	1.87	5.64	1.93	3.0	0.0	1.06	0.0	0.0	0	
300007	6663	919	9	3608	66000	1	2.28	7.85	3.20	3.4	0.0	1.45	0.0	0.0	0	
300007	6665	872	9	3612	65988	1	11.33	13.55	7.72	1.2	0.0	4.22	0.0	0.0	0	
300007	6666	878	9	3632	65976	1	2.20	8.76	2.04	4.0	0.0	1.38	0.0	0.0	0	
300007	66107	873	9	3892	65852	1	1.74	9.90	1.57	5.7	0.0	1.29	0.0	0.0	0	
300007	665122	896	9	3476	65836	1	1.16	2.43	1.06	2.1	0.0	0.57	0.0	0.0	0	
300007	665130	901	9	3448	65800	1	2.80	11.73	2.46	4.2	0.0	1.78	0.0	0.0	0	
300007	665131	897	9	3456	65824	1	4.14	10.75	2.48	2.6	0.0	2.06	0.0	0.0	0	
300007	665715	915	9	3688	65684	1	14.41	48.44	4.12	3.4	0.0	7.51	0.0	0.0	0	
300007	665716	917	9	3724	65664	1	3.44	27.02	5.34	7.9	0.0	3.30	0.0	0.0	0	
300007	665721	907	9	3736	65644	1	7.11	18.42	5.27	2.6	0.0	3.63	0.0	0.0	0	
300007	6754	889	9	4248	65568	1	1.43	14.27	4.29	10.0	0.0	1.78	0.0	0.0	0	
300007	67232	877	9	4208	65496	1	2.84	9.98	4.04	3.5	0.0	1.82	0.0	0.0	0	
300007	67721	894	9	4388	65936	1	5.61	16.99	3.45	3.0	0.0	2.97	0.0	0.0	0	
300007	67731	883	9	4344	65936	1	3.16	24.93	3.66	7.9	0.0	2.92	0.0	0.0	0	
300007	67801	921	9	4248	66144	1	11.76	8.19	4.16	0.7	0.0	4.00	0.0	0.0	0	
300007	67851	903	9	4324	66060	1	2.14	10.22	2.32	4.8	0.0	1.49	0.0	0.0	0	
300007	67858	882	9	4292	66004	1	7.57	33.32	4.03	4.4	0.0	4.68	0.0	0.0	0	
300007	671127	899	9	4332	65720	1	3.14	31.60	4.33	10.1	0.0	3.45	0.0	0.0	0	

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION		LATITUDE ($^{\circ}$ N)	M	U (ppm)	Th (ppm)	K (ppm)	Th/U	ZCT ERROR (μ m $^{-3}$)	HEAT FRO. (mW/m^2)	DENSITY (kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
			LONGITUDE ($^{\circ}$ W)	DEPTH (m)												
300008	87	949	0 53'53" W	0 49'25" N	1	2.12	11.50	5.58	5.4	0.0	1.89	0.0	0.0	0.0	1	GRANITE
300008	132	950	0 53'43" W	0 49'20" N	1	4.22	23.10	3.78	5.5	0.0	3.07	0.0	0.0	0.0	1	GRANITE
300008	158	972	0 54'18" W	0 49'31" N	1	2.00	4.99	1.34	0.5	0.0	0.99	0.0	0.0	0.0	1	QTZ MONZON
300008	164	948	0 54'8" W	0 49'27" N	1	5.60	9.66	3.34	1.7	0.0	2.44	0.0	0.0	0.0	1	QTZ MONZON
300008	172	951	0 53'28" W	0 49'15" N	1	4.81	23.90	4.68	5.0	0.0	3.37	0.0	0.0	0.0	1	GRANITE
300008	176	956	0 53'32" W	0 49'14" N	1	7.89	24.60	4.11	3.1	0.0	4.15	0.0	0.0	0.0	1	GRANITE
300008	206	955	0 54'28" W	0 48'51" N	1	11.80	23.70	3.99	2.0	0.0	5.09	0.0	0.0	0.0	1	GRANITE
300008	217	958	0 54'0" W	0 48'0" N	1	5.98	26.60	3.34	4.4	0.0	3.73	0.0	0.0	0.0	1	GRANITE
300008	218	971	0 54'48" W	0 48'47" N	1	0.71	2.01	0.13	2.8	0.0	0.34	0.0	0.0	0.0	1	QTZ MONZON
300008	221	962	0 54'13" W	0 48'45" N	1	5.65	21.00	4.06	3.7	0.0	3.32	0.0	0.0	0.0	1	GRANITE
300008	231	965	0 54'5" W	0 48'49" N	1	5.14	0.56	2.40	0.1	0.0	1.59	0.0	0.0	0.0	1	VEIN
300008	271	953	0 53'52" W	0 49'3" N	1	1.33	0.94	3.40	0.7	0.0	0.73	0.0	0.0	0.0	1	VEIN
300008	280	968	0 53'54" W	0 48'57" N	1	2.00	16.00	3.01	8.0	0.0	1.93	0.0	0.0	0.0	1	GRANITE
300008	285	979	0 54'0" W	0 48'54" N	1	1.79	32.10	4.97	17.9	0.0	3.20	0.0	0.0	0.0	1	GRANITE
300008	332	981	0 53'40" W	0 49'3" N	1	3.67	12.90	3.86	3.5	0.0	2.22	0.0	0.0	0.0	1	GRANITE
300008	358	973	0 54'22" W	0 48'41" N	1	4.43	12.80	3.37	2.9	0.0	2.36	0.0	0.0	0.0	1	GRANITE
300008	361	967	0 54'35" W	0 48'44" N	1	9.57	13.00	3.08	1.4	0.0	3.67	0.0	0.0	0.0	1	GRANITE
300008	381	982	0 53'34" W	0 49'15" N	1	9.53	9.39	2.97	1.0	0.0	3.40	0.0	0.0	0.0	1	GRANITE
300008	405	964	0 54'1" W	0 49'23" N	1	6.35	13.00	2.99	2.0	0.0	2.83	0.0	0.0	0.0	1	GRANDIORITE
300008	406	959	0 54'1" W	0 49'23" N	1	5.34	14.20	3.74	2.7	0.0	2.73	0.0	0.0	0.0	1	GRANDIORITE
300008	422	980	0 54'2" W	0 48'30" N	1	1.25	5.19	0.24	4.2	0.0	0.71	0.0	0.0	0.0	1	SILTSTONE
300008	438	970	0 54'10" W	0 48'52" N	1	4.57	14.50	3.58	3.2	0.0	2.54	0.0	0.0	0.0	1	GRANITE
300008	440	969	0 54'26" W	0 48'37" N	1	3.87	11.10	1.84	2.9	0.0	1.95	0.0	0.0	0.0	1	GRANODIORITE
300008	453	961	0 54'24" W	0 48'24" N	1	3.21	12.20	2.43	3.8	0.0	1.92	0.0	0.0	0.0	1	GREYWACKE
300008	459	957	0 54'42" W	0 48'21" N	1	2.16	9.35	2.11	4.3	0.0	1.42	0.0	0.0	0.0	1	GREYWACKE
300008	483	954	0 54'9" W	0 48'27" N	1	2.72	8.96	1.54	3.3	0.0	1.48	0.0	0.0	0.0	1	GREYWACKE
300008	501	952	0 54'18" W	0 49'23" N	1	1.99	4.49	0.99	2.3	0.0	0.92	0.0	0.0	0.0	1	GRANODIORITE
300008	516	966	0 0" W	0 0" N	1	4.51	7.58	3.12	1.7	0.0	1.99	0.0	0.0	0.0	1	GRANODIORITE
300008	604	974	0 54'55" W	0 48'54" N	1	9.80	1.62	2.16	0.2	0.0	2.84	0.0	0.0	0.0	1	VEIN
300008	613	960	0 54'27" W	0 48'31" N	1	11.20	35.30	3.83	3.2	0.0	5.73	0.0	0.0	0.0	1	GRANITE
300008	617	963	0 0" W	0 0" N	1	2.37	10.40	3.56	4.4	0.0	1.68	0.0	0.0	0.0	1	GREYWACKE

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FRO. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT ERROR	HEAT PROD. (UW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
Hole Area, B.C.														
300009	7	0	121 34' 30" W	49 20' 48" N	1	0.51	0.75	0.62	1.5	0.0	0.24	0.0	102.0	Qtz Diomite
300009	11	0	121 31' 0" W	49 19' 33" N	1	0.36	0.48	0.14	1.3	0.0	0.14	0.0	0.0	Qtz Diomite
300009	17	0	121 23' 42" W	49 22' 48" N	1	0.65	1.17	2.01	1.8	0.0	0.44	0.0	0.0	Qtz Diomite
300009	22	0	121 35' 38" W	49 15' 48" N	1	4.74	14.00	2.33	3.0	0.0	2.43	0.0	0.0	Qtz Diomite
300009	50	0	121 25' 42" W	49 18' 55" N	1	2.06	4.42	1.26	2.1	0.0	0.96	0.0	0.0	Qtz Diomite
300009	52	0	121 26' 24" W	49 19' 6" N	1	1.34	2.78	1.16	2.1	0.0	0.65	0.0	0.0	Qtz Diomite
300009	86	0	121 21' 42" W	49 23' 30" N	1	0.70	1.61	0.98	2.3	0.0	0.39	0.0	0.0	Qtz Diomite
300009	120	0	121 14' 0" W	49 15' 6" N	1	4.15	9.85	1.76	2.4	0.0	1.93	0.0	0.0	Qtz Diomite
300009	125	0	121 30' 30" W	49 20' 12" N	1	0.50	0.74	0.61	1.5	0.0	0.24	0.0	0.0	Qtz Diomite
300009	129	0	121 21' 6" W	49 18' 6" N	1	2.05	10.40	3.38	5.1	0.0	1.58	0.0	0.0	Qtz Diomite
300009	140	0	121 35' 30" W	49 13' 30" N	1	3.06	13.90	2.55	4.5	0.0	2.01	0.0	0.0	Qtz Diomite
300009	159	0	121 20' 24" W	49 19' 0" N	1	1.11	3.12	1.38	2.8	0.0	0.64	0.0	0.0	Qtz Diomite
300009	187	0	121 37' 24" W	49 13' 18" N	1	4.49	13.30	3.14	3.0	0.0	2.39	0.0	0.0	Qtz Diomite
300009	414	0	121 25' 36" W	49 3' 24" N	1	3.32	8.08	2.24	2.4	0.0	1.39	0.0	0.0	Qtz Diomite
300009	418	0	121 25' 12" W	49 2' 48" N	1	3.62	14.20	2.96	2.4	0.0	1.64	0.0	0.0	Qtz Diomite
300009	435	0	121 26' 30" W	49 6' 30" N	1	3.54	8.61	3.15	2.4	0.0	1.82	0.0	0.0	Qtz Diomite
300009	442	0	121 25' 30" W	49 5' 36" N	1	1.08	2.20	1.38	2.0	0.0	0.56	0.0	0.0	Qtz Diomite
300009	453	0	121 24' 51" W	49 5' 12" N	1	0.68	1.13	1.16	1.7	0.0	0.37	0.0	0.0	Qtz Diomite
300009	535	0	121 29' 36" W	49 25' 36" N	1	0.69	1.08	0.79	1.6	0.0	0.33	0.0	0.0	Qtz Diomite
300009	568	0	121 20' 36" W	49 22' 0" N	1	1.61	3.80	1.66	2.4	0.0	0.84	0.0	0.0	Qtz Diomite
300009	576	0	121 19' 48" W	49 21' 50" N	1	0.57	1.46	0.95	2.6	0.0	0.34	0.0	0.0	Qtz Diomite
300009	627	0	121 29' 42" W	49 22' 36" N	1	0.10	0.20	0.21	2.0	0.0	0.06	0.0	0.0	Qtz Diomite
300009	727	0	121 29' 45" W	49 7' 0" N	1	0.45	0.79	1.10	1.8	0.0	0.28	0.0	0.0	Qtz Diomite
300009	749	0	121 33' 48" W	49 3' 24" N	1	1.32	3.09	1.31	2.3	0.0	0.68	0.0	0.0	Qtz Diomite
300009	768	0	121 25' 21" W	49 2' 54" N	1	10.90	28.90	4.82	2.7	0.0	5.30	0.0	0.0	Qtz Diomite
300009	956	0	121 39' 30" W	49 18' 30" N	1	1.18	2.81	1.00	2.4	0.0	0.60	0.0	0.0	Qtz Diomite
300009	1042	0	121 26' 48" W	49 5' 48" N	1	2.11	7.00	2.51	3.3	0.0	1.28	0.0	0.0	Qtz Diomite
300009	1087	0	121 24' 18" W	49 3' 36" N	1	2.70	7.48	2.12	2.8	0.0	1.42	0.0	0.0	Qtz Diomite
300009	1323	0	121 38' 5" W	49 14' 6" N	1	2.30	9.78	2.20	4.3	0.0	1.49	0.0	0.0	Qtz Diomite
300009	1378	0	121 33' 24" W	49 21' 12" N	1	0.49	0.92	0.55	1.9	0.0	0.24	0.0	0.0	Qtz Diomite
300009	9999	0	121 28' 54" W	49 23' 24" N	1	0.04	0.13	0.15	999.9	0.0	0.03	0.0	0.0	Qtz Diomite

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H (PPM)	U (PPM)	Th (PPM)	K (PPM)	Th/U (%)	%CT ERROR	HEAT PROD. (mW/m^2)	DENSITY (Kg/m^3)	AGE (MA)	ROCK TYPE, ETC.	
Northern Vancouver Island																
300011	681381	1157	126	27.48'W	50	14.33'N	1	1.68	5.02	3.26	0.0	1.09	2640.0	0.0	QTZ MONZ	
300011	683422	1158	125	47.39'W	50	15.15'N	1	0.70	2.05	0.91	2.9	0.0	0.44	2850.0	0.0	DIORITE
300011	681341	1159	127	49.12'W	50	11.42'N	1	0.20	0.22	0.30	1.1	0.0	0.10	2910.0	0.0	QTZ DIORITE
300011	681341	1159	127	49.12'W	50	11.42'N	1	0.20	0.22	0.30	1.1	0.0	0.10	2910.0	0.0	QTZ DIORITE
300011	683241	1165	126	34.30'W	50	9.45'N	1	0.67	1.53	1.25	2.3	0.0	0.42	2780.0	0.0	DIORITE
300011	682131	1166	126	30.00'W	50	9.03'N	1	1.01	2.93	1.87	2.9	0.0	0.64	2660.0	0.0	QTZ MONZ
300011	690291	1167	126	59.45'W	50	7.00'N	1	1.19	2.64	1.55	2.2	0.0	0.67	2810.0	0.0	QTZ DIORITE
300011	690301	1168	126	53.48'W	50	3.42'N	1	1.91	5.19	2.87	2.7	0.0	1.10	2600.0	0.0	QTZ MONZ
300011	682132	1170	126	28.21'W	50	8.15'N	1	0.70	2.30	1.66	3.3	0.0	0.52	2780.0	0.0	QTZ DIORITE
300011	692141	1172	126	7.45'W	50	21.54'N	1	1.96	4.30	1.91	2.2	0.0	1.04	2810.0	0.0	QTZ DIORITE
300011	690292	1173	127	6.36'W	50	2.21'N	1	1.77	4.05	3.13	2.3	0.0	1.03	2650.0	0.0	QTZ MONZ
300011	683421	1174	125	34.42'W	50	18.42'N	1	1.31	5.71	1.81	4.4	0.0	0.92	2700.0	0.0	GRANODIORITE
300011	682151	1175	126	59.00'W	50	24.42'N	1	1.26	3.56	1.55	2.8	0.0	0.72	2670.0	0.0	GRANODIORITE
300011	681262	1183	127	33.15'W	50	4.15'N	1	0.56	1.04	0.91	1.9	0.0	0.30	2660.0	0.0	QTZ DIORITE
300011	682133	1184	126	28.09'W	50	11.24'N	1	1.43	5.10	2.54	3.6	0.0	0.96	2650.0	0.0	QTZ MONZ
300011	683321	1191	127	28.48'W	50	3.36'N	1	0.82	1.38	1.18	1.7	0.0	0.43	2730.0	0.0	QTZ DIORITE
300011	692131	1192	126	3.25'W	50	18.51'N	1	2.29	5.16	2.27	2.3	0.0	1.22	2790.0	0.0	GRANODIORITE
300011	681261	1193	127	33.27'W	50	2.27'N	1	1.23	2.70	1.81	2.2	0.0	0.70	2760.0	0.0	QTZ DIORITE
300011	683242	1194	126	35.00'W	50	8.30'N	1	1.39	3.08	2.01	2.2	0.0	0.77	2680.0	0.0	QTZ MONZ
300011	690251	1195	127	25.42'W	50	19.42'N	1	1.08	2.50	2.08	2.3	0.0	0.48	2750.0	0.0	GRANODIORITE
300011	1196	127	14.33'W	50	21.48'N	1	0.59	0.78	0.81	1.3	0.0	0.30	2820.0	0.0	GABBRO	
300011	683432	1197	125	26.12'W	50	17.15'N	1	0.67	1.48	1.21	2.2	0.0	0.40	2750.0	0.0	QTZ DIORITE
300011	690221	1198	127	36.33'W	50	18.42'N	1	2.04	4.99	1.60	2.4	0.0	1.03	2660.0	0.0	QTZ MONZ
300011	683431	1199	125	28.24'W	50	20.00'N	1	2.44	7.72	2.92	3.2	0.0	1.45	2670.0	0.0	QTZ MONZ
300011	682121	1200	126	22.45'W	50	11.24'N	1	2.33	8.02	3.70	3.4	0.0	1.49	2620.0	0.0	QTZ MONZ
300011	40	1201	127	25.30'W	50	2.21'N	1	0.90	1.76	1.37	2.0	0.0	0.19	2690.0	0.0	QTZ DIORITE
300011	683171	1202	127	5.36'W	50	1.30'N	1	2.71	7.41	3.31	2.7	0.0	1.52	2650.0	0.0	QTZ MONZ
300011	682122	1203	126	22.15'W	50	11.30'N	1	0.82	2.10	1.20	2.6	0.0	0.49	2790.0	0.0	QTZ DIORITE
300011	683411	1204	126	19.12'W	50	28.51'N	1	1.43	3.50	1.80	2.4	0.0	0.83	2820.0	0.0	QTZ DIORITE
300011	681383	1205	126	26.30'W	50	11.48'N	1	2.64	9.06	3.49	3.4	0.0	1.64	2650.0	0.0	QTZ MONZITE
300011	681031	1296	126	39.00'W	49	41.30'N	1	1.36	3.22	1.34	2.4	0.0	0.73	2750.0	0.0	DIORITE
300011	710031	1291	126	31.20'W	49	41.00'N	1	0.33	1.78	0.56	5.4	0.0	0.28	2870.0	0.0	DIORITE
300011	710091	1295	126	13.10'W	49	23.40'N	1	0.85	2.37	0.94	2.8	0.0	0.50	2800.0	0.0	MONRITE
300011	710251	1293	126	20.00'W	49	24.40'N	1	0.25	1.14	0.61	4.6	0.0	0.22	2860.0	0.0	DIORITE
300011	710021	1297	126	33.10'W	49	35.00'N	1	1.65	5.19	3.1	0.0	0.95	2900.0	0.0	DIORITE	
300011	681021	1294	126	32.30'W	49	38.00'N	1	0.36	1.60	0.12	4.4	0.0	0.23	2830.0	0.0	DIORITE

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT LONGITUDE	LOCATION LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	%CT ERROR	HEAT PROD. (W/m^3)	DENSITY (kg/m^3)	AGE (MA)	ROCK TYPE, ETC.
Patricia Bay, Southern Vancouver Island													
300012	1	1176	123 27' 0"W	48 40' 0"N	0	1.08	2.88	1.05	2.7	0.0	0.58	0.0	0.0 0
300012	2	1185	123 27' 0"W	48 40' 0"N	0	1.08	2.53	1.38	2.3	0.0	0.59	0.0	0.0 0
300012	3	1188	123 27' 0"W	48 40' 0"N	0	1.06	2.49	1.39	2.3	0.0	0.58	0.0	0.0 0
300012	4	1186	123 27' 0"W	48 40' 0"N	0	0.98	2.74	1.31	2.8	0.0	0.57	0.0	0.0 0

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	NORTH	M	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE, N	ROCK TYPE, ETC.
			EAST	WEST	(PPM)	(PPM)	(PPM)	(%)	ERROR	($\mu\text{W}/\text{m}^2$)	(Kg/m^3)	(MA)		
Southern Coast Plutonic Complex, B.C.														
300014	10019	1227	10U	55787	3927	1	0.68	1.10	0.96	1.6	0.0	0.37	2840.0	0.0
300014	10258	1220	10U	55472	4311	1	0.18	0.21	0.13	1.2	0.0	0.07	0.0	0.0
300014	10322	1226	10U	55944	4194	1	1.04	3.45	1.58	3.3	0.0	0.66	2680.0	0.0
300014	10429	1225	10U	56442	4067	1	1.18	3.32	1.75	2.8	0.0	0.73	2760.0	0.0
300014	30364	1231	10U	55639	4100	1	3.36	5.19	1.72	1.5	0.0	1.42	2720.0	0.0
300014	40039	1228	10U	55293	4040	1	0.86	1.80	1.12	2.1	0.0	0.46	0.0	0.0
300014	40187	1207	10U	55636	3915	1	1.52	2.73	1.52	1.8	0.0	0.76	2770.0	0.0
300014	40204	1223	10U	55285	3897	1	0.32	0.57	0.4	1.8	0.0	0.14	0.0	0.0
300014	40285	1215	10U	55429	4031	1	2.12	7.73	2.12	3.6	0.0	1.32	2720.0	0.0
300014	40316	1208	10U	55481	3940	1	1.45	2.73	1.28	1.9	0.0	0.71	2750.0	0.0
300014	14109	1235	10U	55689	4894	1	2.52	4.31	1.90	1.7	0.0	1.21	2850.0	0.0
300014	14111	1219	10U	55399	4798	1	0.15	0.30	0.13	2.0	0.0	0.07	2770.0	0.0
300014	14116	1217	10U	55405	4620	1	0.86	1.43	1.16	1.7	0.0	0.43	2670.0	0.0
300014	14193	1211	10U	55697	4409	1	0.25	0.39	1.7	0.9	0.0	0.10	2820.0	0.0
300014	14196	1232	10U	55710	4540	1	1.84	3.93	1.24	2.1	0.0	0.90	2760.0	0.0
300014	14219	1230	10U	59285	4882	1	2.46	5.69	2.19	2.3	0.0	1.24	2670.0	0.0
300014	14226	1209	10U	55978	4755	1	3.74	14.50	3.91	3.9	0.0	2.30	2610.0	0.0
300014	14266	1212	10U	55988	4330	1	2.83	8.08	2.31	2.9	0.0	1.52	2680.0	0.0
300014	14275	1233	10U	55886	4508	1	0.78	1.67	3.32	2.1	0.0	0.63	2650.0	0.0
300014	14280	1216	10U	56143	4386	1	1.42	2.04	0.74	1.4	0.0	0.59	2710.0	0.0
300014	14295	1206	10U	56450	4826	1	5.36	7.78	2.71	1.5	0.0	2.19	2670.0	0.0
300014	14362	1229	10U	56367	4747	1	0.87	2.49	2.52	2.9	0.0	0.64	2660.0	0.0
300014	44120	1210	10U	56189	4644	1	4.49	15.10	4.68	3.4	0.0	2.60	2600.0	0.0
300014	44134	1214	10U	56479	4351	1	1.09	2.75	1.33	2.5	0.0	0.62	2770.0	0.0
300014	44149	1234	10U	56303	4369	1	0.93	1.78	1.87	1.9	0.0	0.54	2660.0	0.0
300014	44169	1224	10U	56484	4453	1	1.40	2.56	0.95	1.8	0.0	0.65	2750.0	0.0
300014	44219	0	10U	56211	4948	1	0.88	1.31	1.37	1.5	0.0	0.47	2770.0	0.0
300014	54191	1213	10U	55006	4869	1	1.45	5.20	1.12	3.6	0.0	0.88	2790.0	0.0
300014	54304	1237	10U	55581	4726	1	1.33	4.06	1.75	3.1	0.0	0.83	2780.0	0.0
300014	54399	1222	10U	55538	4934	1	1.60	2.61	1.6	1.7	0.0	0.65	2690.0	0.0
300014	54099	1236	10U	56012	4934	1	1.29	2.23	1.08	1.7	0.0	0.63	2830.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

H=GT R DIORITE
B=GT H QTZ DIORITE
SCHIST

H=B GRANODIORITE

B=GT H QTZ DIORITE

H=GT R GRANODIORITE

B=H SYENODIORITE

H=GT B DIORITE

H=DIORITE

H=GT B DIORITE

H=GT B GRANODIORITE

H=GT B DIORITE

H=GT B DIORITE

H=GT B GRANODIORITE

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SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	M	U	Th	K	Th/U	ZCT	HEAT FROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
			LATITUDE	(PPM)	(PPM)	(PPM)	(PPM)	(Z)	ERROR	(MW/m^3)	(kg/m^3)	(MA)		
MEAGER MOUNTAIN DRILL CORE SAMPLES, HOLES H-1, H-2														
300015	1000	0	123 28.50'W	50 34.00'N	2	1.65	3.63	1.42	2.2	0.0	0.82	0.0	0.0	0
300015	195	0	123 29.50'W	50 34.00'N	2	1.29	2.91	1.16	2.3	0.0	0.65	0.0	0.0	0

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THF DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	ZONE	LOCATION		M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U	%CT ERROR	HEAT FROD. (uW/m^3)	DENSITY (kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
				EAST	NORTH											
0' Grady Pluton, NTS 1051																
300016	100043	1258	9	5003	69616	1	10.80	41.00	4.59	3.8	0.0	6.10	0.0	0.0	2	GRANODIORITE
300016	100054	1269	9	5009	69690	1	21.00	57.80	5.36	2.8	0.0	9.98	0.0	0.0	2	GRANODIORITE
300016	100058	1277	9	5049	69691	1	24.70	52.80	5.29	2.1	0.0	10.58	0.0	0.0	2	GRANODIORITE
300016	100059	1264	9	5049	69691	1	23.10	40.00	4.71	1.7	0.0	9.21	0.0	0.0	2	ALASKITE
300016	100079	1275	9	5127	69750	1	18.20	46.50	5.75	2.6	0.0	8.51	0.0	0.0	2	GRANITE
300016	100089	1273	9	5169	69717	1	4.10	18.40	3.44	4.5	0.0	2.68	0.0	0.0	2	GRANITE
300016	100092	1274	9	5169	69717	1	4.30	19.60	3.21	4.6	0.0	2.79	0.0	0.0	2	GRANODIORITE
300016	100103	1271	9	5186	69762	1	17.70	51.00	5.29	2.9	0.0	8.65	0.0	0.0	2	GRANODIORITE
300016	100108	1272	9	5189	69810	1	11.10	81.20	8.06	7.3	0.0	9.34	0.0	0.0	2	GRANITE
300016	100117	1266	9	5168	69789	1	13.10	48.30	5.33	3.7	0.0	7.28	0.0	0.0	2	GRANITE
300016	100136	1270	9	5068	69758	1	13.90	54.70	5.69	3.9	0.0	7.97	0.0	0.0	2	GRANITE PINK KS
300016	100139	1276	9	5047	69785	1	18.00	48.40	5.73	2.7	0.0	8.59	0.0	0.0	2	GRANITE
300016	100142	1268	9	5016	69787	1	14.50	56.80	5.54	3.9	0.0	8.26	0.0	0.0	2	GRANODIORITE

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	ZONE	LOCATION EAST NORTH	M (PPM)	H (PPM)	Th (PPM)	K (%)	Th/U (%)	%CT ERROR	HEAT FROZEN (MM/m ²)	DENSITY (kg/m ³)	AGE (MA)	N ROCK TYPE, ETC.
Mt. Allan, NTS 1050														
3000017	1339	1254	9	4413	70187	1	14.90	19.80	4.26	1.3	0.0	5.63	0.0	2 QTZ MONZONITE
3000017	1329	1258	9	4419	70183	1	9.21	24.00	1.59	2.6	0.0	4.21	0.0	2 QTZ MONZONITE
3000017	1298	1359	9	4422	70186	1	9.48	23.10	4.20	2.4	0.0	4.47	0.0	2 GRANODIORITE
3000017	1248	1360	9	4413	70155	1	5.19	6.37	4.55	1.2	0.0	2.22	0.0	2 GRANODIORITE
3000017	1304	1364	9	4419	70184	1	7.76	24.20	3.83	3.1	0.0	4.07	0.0	2 GRANODIORITE
3000017	1227	1363	9	4412	70151	1	3.36	2.84	4.04	0.8	0.0	1.45	0.0	2 QTZ FELDSPAR PORPH
3000017	1336	1365	9	4413	70190	1	5.98	15.30	4.30	2.6	0.0	3.03	0.0	2 QTZ MONZONITE
3000017	1315	1366	9	4418	70188	1	12.57	12.39	4.11	1.0	0.0	4.50	0.0	2 QTZ MONZONITE
3000017	1311	1367	9	4418	70188	1	14.89	15.51	4.17	1.0	0.0	5.32	0.0	2 QTZ MONZONITE
3000017	1301	1368	9	4421	70185	1	12.78	23.58	3.72	1.8	0.0	5.30	0.0	2 GRANODIORITE
3000017	1342	1369	9	4413	70185	1	14.92	23.08	4.07	0.9	0.0	5.15	0.0	2 QTZ MONZONITE
3000017	1345	1370	9	4419	70185	1	10.50	24.12	4.19	2.3	0.0	4.80	0.0	2 QTZ MONZONITE
3000017	1265	1385	9	4421	70158	1	3.58	5.21	4.08	1.5	0.0	1.68	0.0	2 QTZ FELDSPAR PORPH

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE DEPTH	SPECT	LOCATION	NORTH	EAST	M	U (PPM)	Th (PPM)	K (%)	Th/U	ZCT ERROR (MM/MM^3)	HFAT FROD. (MM/MM^3)	DENSITY (KG/MM^3)	AGE (MA)	ROCK TYPE, ETC.
Hi and Min, NTS 1051															
300018	174	1342	9	4560	69606	1	21.30	23.90	4.41	1.1	0.0	7.58	0.0	0.0	GRANITE
300018	178	1343	9	4561	69608	1	16.60	22.90	3.97	1.4	0.0	6.26	0.0	0.0	GRANITE
300018	166	1345	9	4556	69607	1	11.30	10.60	3.97	0.9	0.0	1.03	0.0	0.0	ALASKITE
300018	173	1347	9	4560	69606	1	19.10	24.90	4.12	1.3	0.0	7.09	0.0	0.0	GRANITE
300018	176	1348	9	4561	69608	1	28.70	15.60	4.46	0.5	0.0	8.91	0.0	0.0	GRANITE
300018	175	1350	9	4561	69608	1	20.00	8.98	5.61	0.4	0.0	6.31	0.0	0.0	GRANITE
300018	177	1351	9	4561	69608	1	17.50	24.10	4.09	1.4	0.0	6.59	0.0	0.0	GRANITE
300018	165	1353	9	4556	69607	1	15.90	11.40	4.55	0.7	0.0	5.33	0.0	0.0	ALASKITE

A DENSITY OF 2670 KG/MM^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	ZONE	LOCATION	NORTH	M (r_{Pm})	U (r_{Pm})	Th (r_{Pm})	K (Z)	Th/U	XCT ERROR (mW/m^2)	HEAT FROB. (mW/m^2)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
Two Rutes, NTS 105M																
300019	1369	0	8	4811	70389	0	6.70	13.20	4.66	2.0	0.0	3.10	0.0	0.0	2	Quartz Monzonite
300019	1373	0	8	4811	70391	0	7.50	12.40	4.06	1.7	0.0	3.19	0.0	0.0	2	Quartz Monzonite
300019	1377	0	8	4813	70394	0	5.80	10.50	5.01	1.8	0.0	2.71	0.0	0.0	2	Quartz Monzonite
300019	1381	0	8	4812	70397	0	6.60	14.60	5.22	2.2	0.0	3.23	0.0	0.0	2	Quartz Monzonite
300019	1385	0	8	4809	70393	0	8.20	13.00	3.76	1.6	0.0	3.38	0.0	0.0	2	Quartz Monzonite
300019	1389	0	8	4811	70396	0	8.20	14.90	3.87	1.8	0.0	3.53	0.0	0.0	2	Quartz Monzonite
300019	1393	0	8	4811	70395	0	7.70	12.90	3.79	1.7	0.0	3.25	0.0	0.0	2	Quartz Monzonite
300019	1397	0	8	4809	70397	0	7.30	14.40	4.65	2.0	0.0	3.34	0.0	0.0	2	Quartz Monzonite

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROB. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	NORTH	U (PPM)	Th (PPM)	K (%)	Th/U	%CT ERROR	HEAT PROF. (uW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.	
Rupes Lake I, NTS 105M															
300020	1101	0	8	5084	70850	1	5.70	20.60	3.22	3.6	0.0	3.22	0.0	0.0	Quartz Monzonite
300020	1111	1333	8	5173	70796	1	21.10	14.00	3.77	0.7	0.0	6.77	0.0	0.0	Quartz Monzonite
300020	43	1334	8	5327	70973	1	7.84	20.80	3.33	2.7	0.0	3.80	0.0	0.0	Granodiorite
300020	49	1335	8	5338	70996	1	8.00	26.80	3.14	3.3	0.0	4.25	0.0	0.0	Quartz Monzonite
300020	1109	1336	8	5128	70846	1	4.13	24.30	3.10	5.9	0.0	3.07	0.0	0.0	Quartz Monzonite
300020	41	1337	8	5308	70990	1	4.15	17.20	2.57	4.1	0.0	2.52	0.0	0.0	GRANODIORITE
300020	1107	1338	8	5117	70862	1	5.78	22.10	2.88	3.8	0.0	3.32	0.0	0.0	QTZ MONZONITE
300020	45	1339	8	5334	70985	1	11.50	27.50	3.41	2.4	0.0	5.22	0.0	0.0	QTZ MONZONITE
300020	47	1340	8	5333	70993	1	6.11	23.40	3.27	3.8	0.0	3.53	0.0	0.0	QTZ MONZONITE
300020	1103	1341	8	5098	70852	1	4.14	20.10	3.18	4.9	0.0	2.78	0.0	0.0	QTZ MONZONITE

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROF. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	NORTH	M	U	Th	K	Th/U ERROR (%)	ZCT ERROR (%)	HEAT FROU.	DENSITY (Kg/m^3)	AGE (MA)	ROCK TYPE, ETC.
Keele River Pluton, NTS 105F														
300021	31	1328	9	4572	70010	2	6.63	35.80	4.74	5.4	0.0	4.68	0.0	GRANODIORITE
300021	25	1331	9	4588	69974	2	11.30	44.80	5.08	4.0	0.0	6.55	0.0	GRANODIORITE
300021	13	1332	9	4597	66993	2	6.56	25.10	3.72	3.8	0.0	3.81	0.0	GRANODIORITE

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROU. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	M	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT HEAT FROD.	DENSITY (uW/m^-3)	AGE (MA)	N ROCK TYPE, ETC.
		ZONE	EAST NORTH									
Ross River Fluton, NTS 1050												
300022	108	1326	9	4448	69890	1	4.54	19.90	3.52	4.4	0.0	2.91
300022	101	1327	9	4462	69908	1	4.17	17.60	3.40	4.2	0.0	2.64

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT ZONE	LOCATION EAST NORTH	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR (%)	ZCT HEAT PROD. ($\mu\text{W}/\text{m}^3$)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
West Armstrong Pluton, HTS 105N												
3000023	147	1344	8	5660	70206	1	2.24	13.30	3.19	5.9	0.0	1.82
3000023	143	1346	8	5681	70222	1	3.15	10.90	3.33	3.5	0.0	1.90
3000023	145	1349	8	5668	70217	1	2.98	12.50	3.87	4.2	0.0	2.02
3000023	151	1352	0	0	0	1	2.19	18.10	2.37	8.3	0.0	2.06
3000023	141	1355	8	5707	70188	1	2.59	15.50	3.01	6.0	0.0	2.05
3000023	149	1356	8	5709	70207	1	3.22	13.60	3.02	4.2	0.0	2.07
3000023	139	1357	8	5722	70193	1	2.84	14.30	3.09	5.0	0.0	2.03
												0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	K	U	Th	K	Th/U	ZCT	HEAT PROF.	DENSITY	AGE	N	ROCK TYPE, ETC.
			ZONE EAST NORTH	(ppm)	(ppm)	(ppm)	(%)		ERROR	(uW/m^3)	(Kg/m^3)	(Ma)		
Northwest Somerset Island														
3000024	182B	0	422B	81833	2	0.57	4.80	3.15	8.4	0.0	0.79	0.0	0.0	Limestone + Chert
3000024	1827	0	15X	4555	81517	2	0.71	0.40	0.13	0.6	0.0	0.22	0.0	0.0
3000024	1829	0	15X	4214	81822	2	1.74	16.40	6.03	9.4	0.0	2.18	0.0	0.0
3000024	5955	0	15X	4222	81826	2	0.44	2.12	1.11	4.8	0.0	0.37	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROF. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT HEAT FROD. (mW/m^3)	DENSITY (Kg/m^3)	AGF (MA)	N	ROCK TYPE, ETC.
BUCKLING GREEK SYENITE COMPLEX														
300025	643	1438	125 32.17'W	55 55.77'N	4	0.48	1.07	6.96	2.2	0.0	0.86	2670.0	0.0	1 SYENITE
300025	75WV-64-3		125 32.29'W	55 56.33'N	4	0.44	1.12	4.11	2.5	0.0	0.66	3010.0	0.0	1 SYENITE
300025	672	1402	125 32.29'W	55 56.33'N	4	0.44	1.12	4.11	2.5	0.0	0.66	3010.0	0.0	1 SYENITE
300025	75WV-67-2		93N/13E	93N/13E										
300025	683	1403	125 31.34'W	55 57.11'N	4	0.46	0.91	8.45	2.0	0.0	0.97	2600.0	0.0	1 LEUCO-SYENITE
300025	843	1404	125 43.11'W	56 0.23'N	4	0.57	1.50	0.75	2.6	0.0	0.42	3450.0	0.0	1 CLINOXYROXENITE
300025	75WV-84-3		94C/4E	94C/4E										
300025	861	1441	125 41.37'W	56 0.94'N	4	0.15	0.33	7.98	2.2	0.0	0.81	2610.0	0.0	1 LEUCO-SYENITE
300025	75WV-86-1		94C/4E	94C/4E										
300025	1491	1395	125 42.49'W	56 1.94'N	4	0.45	1.17	3.51	2.6	0.0	0.58	2920.0	167.0	0 SYENITE
	75WV-149-1		94C/4E						H					
THANE AND BETNI PLUTONS														
300025	951	1398	125 33.96'W	56 2.23'N	4	1.33	2.76	2.61	2.1	0.0	0.81	2750.0	185.0	0 QTZ MONZONITE
300025	75WV-95-1		94C/4E	94C/4E										
300025	1581	1396	125 36.49'W	56 8.96'N	4	1.35	2.45	2.58	1.8	0.0	0.81	2810.0	173.0	0 MONZODIORITE
	75WV-158-1		94C/4E						B					
MESILINKA PLUTON														
300025	1002	1399	125 48.84'W	56 6.73'N	4	0.28	0.49	1.08	1.8	0.0	0.23	2680.0	0.0	0 DIORITE
300025	75WV-100-2		94C/4W	94C/4W										
300025	1171	1393	125 55.82'W	56 5.77'N	4	2.93	1.08	2.32	0.4	0.0	1.05	2670.0	101.0	1 B QTZ MONZONITE
300025	75WV-117-1		94C/4W	94C/4W										
300025	1461	1394	125 51.30'W	56 2.52'N	4	4.14	1.12	3.01	0.3	0.0	1.42	2650.0	0.0	0 QTZ MONZODIORITE
300025	75WV-146-1		94C/4W	94C/4W										
300025	1641	1392	126 6.39'W	56 15.75'N	4	4.69	5.54	1.30	1.7	0.0	1.73	2690.0	0.0	0 QTZ DIORITE
300025	75WV-164-1		94D/8E	94D/8E										
300025	1701	1407	125 59.60'W	56 17.55'N	4	6.04	8.12	3.68	1.3	0.0	2.44	2630.0	0.0	0 LEUCO-GRANODIORITE
300025	75WV-170-1		94C/5W	94C/5W										
300025	1751	1406	125 53.66'W	56 19.12'N	4	4.72	2.45	2.52	0.5	0.0	1.65	2700.0	112.0	0 QTZ MONZODIORITE
	75WV-175-1		94C/5W						B					
OSILINKA STOCKS														
300025	1021	1443	125 47.34'W	56 6.12'N	4	0.34	0.75	2.03	2.2	0.0	0.33	2650.0	120.0	0 GRANODIORITE
300025	75WV-102-1		94C/4W	94C/4W										
300025	1801	1405	125 50.21'W	56 20.45'N	4	5.16	2.92	3.61	0.6	0.0	1.86	2650.0	0.0	0 B GRANITE
	75WV-180-1		94C/5W	94C/5W										

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SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LONGITUDE	LATITUDE	M	U (PPM)	Th (PPM)	K (μ)	Th/U ERROR	ZCT ERROR	HEAT PROD. (W/m ³)	DENSITY (kg/m ³)	AGE (MA)	ROCK TYPE, ETC.
Seal Creek Fluton, NTS 92J															
300026	1	1491	123 25' 0"W	50 46' 48"N	1	6.81	12.70	4.09	1.9	0.0	3.04	0.0	7.9	0	
300026	2	1459	123 25' 0"W	50 46' 48"N	1	6.62	12.20	3.98	1.8	0.0	2.94	0.0	7.9	0	
300026	3	1460	123 25' 0"W	50 46' 48"N	1	9.03	13.40	4.11	1.5	0.0	3.66	0.0	7.9	0	
300026	4	1461	123 25' 0"W	50 46' 48"N	1	16.00	12.90	3.91	0.8	0.0	5.40	0.0	7.9	0	
300026	5	1462	123 25' 0"W	50 46' 48"N	0	20.60	17.80	3.92	0.9	0.0	6.93	0.0	7.9	0	

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LONGITUDE	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	XCT ERROR	HEAT FROn. (m/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
JOHANSEN LAKE STOCK																
300027	11	1481	126 10.08'W	56 35.53'N	4	2.80	6.54	3.11	2.3	0.0	1.49	2700.0	0.0	0	0	QTZ MONZODIORITE
300027	75WW-1-1	111	1483	126 9.08'W	56 36.49'N	4	2.59	3.96	2.46	1.5	0.0	1.23	2780.0	0.0	0	MONZODIORITE
300027	75WW-11-1															
INGENIKA RANGE STOCK																
300027	131	1492	126 18.23'W	56 36.28'N	4	1.97	5.75	0.99	2.9	0.0	1.03	2720.0	0.0	0	0	QTZ DIORITE
300027	75WW-13-1															
ASTIKA PEAK STOCK																
300027	372	1495	126 25.53'W	56 36.59'N	4	1.87	3.82	1.28	7.0	0.0	0.90	2750.0	0.0	0	0	QTZ DIORITE
300027	75WW-37-2															
OSILINKA STOCKS																
300027	401	1496	125 44.25'W	56 31.7'N	4	1.01	1.37	2.24	1.4	0.0	0.56	2610.0	0.0	0	B GRANITE	
300027	75WW-40-1	1041	1527	125 45.68'W	56 6.10'N	4	0.47	0.29	1.89	0.6	0.0	0.32	2660.0	0.0	0	GRANODIORITE
300027	75WW-104-1	1071	1528	125 43.92'W	56 5.98'N	4	0.40	0.35	2.32	0.9	0.0	0.35	2650.0	0.0	0	R GRANODIORITE
300027	75WW-107-1	1811	1535	125 49.25'W	56 20.60'N	4	5.66	33.10	3.27	5.8	0.0	4.12	2680.0	0.0	0	GRANODIORITE
300027	75WW-181-1															
THANE AND DETNI PLUTONS																
300027	431	1497	125 46.97'W	56 2.39'N	4	0.94	1.45	1.17	1.5	0.0	0.50	2900.0	0.0	0	FIORITE	
300027	75WW-43-1	481	1501	125 50.51'W	56 0.34'N	4	1.94	2.75	3.63	1.4	0.0	1.09	2810.0	0.0	0	MONZODIORITE
300027	75WW-48-1	521	1502	125 32.76'W	56 7.64'N	4	2.59	4.25	2.33	1.6	0.0	1.26	2820.0	0.0	0	MONZODIORITE
300027	75WW-52-1	531	1503	125 32.32'W	56 7.65'N	4	1.00	1.33	3.14	1.3	0.0	0.69	2820.0	0.0	0	MONZODIORITE
300027	75WW-53-1	551	1504	125 31.46'W	56 8.08'N	4	0.78	1.01	5.68	1.3	0.0	0.82	2680.0	0.0	0	SYNFINITE
300027	75WW-55-1	561	1505	125 30.91'W	56 8.43'N	4	2.27	5.54	2.81	2.4	0.0	1.31	2810.0	0.0	0	MONZODIORITE
300027	75WW-56-1	601	1506	125 27.41'W	56 9.14'N	4	2.79	5.84	2.75	2.1	0.0	1.46	2800.0	0.0	0	MONZODIORITE
300027	75WW-60-1															
BUCKLING CREEK SYENITE COMPLEX																
300027	634	1507	125 30.62'W	55 55.22'N	4	1.04	1.12	1.22	1.1	0.0	0.53	3060.0	0.0	0	SCHIST	
300027	75WW-63-4	636	1510	125 30.62'W	55 55.22'N	4	0.94	1.38	5.49	1.5	0.0	0.90	2770.0	0.0	0	SYENITE
300027	75WW-63-6															

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SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE (MA)	N	ROCK TYPE, ETC.	
					(PPM)	(PPM)	(PPM)	(%)	(%)	(μW/m³)	(Kg/m³)					
300027	641	1513	125 32.17'W	55 55.77'N	4	0.76	1.72	3.00	2.3	0.0	0.64	2810.0	0.0	0	SYENITE	
300027	75WU-64-1		93N/13E													
300027	651	1514	125 32.90'W	55 55.62'N	4	0.70	1.18	2.64	1.7	0.0	0.55	2870.0	0.0	0	SYENITE	
300027	652	1515	125 32.90'W	55 55.62'N	4	0.88	1.24	2.70	1.4	0.0	0.63	2920.0	0.0	0	SYENITE	
300027	75WU-65-2		93N/13E													
300027	671	1516	125 32.29'W	55 56.33'N	4	3.64	3.22	5.04	0.9	0.0	1.65	2680.0	0.0	0	SYENITE	
300027	673	1517	125 32.29'W	55 56.33'N	4	0.60	1.29	4.33	2.1	0.0	0.67	2700.0	0.0	0	SYENITE	
300027	75WU-67-3		93N/13E													
300027	681	1518	125 31.34'W	55 57.11'N	4	1.87	5.02	4.02	2.7	0.0	1.25	2730.0	0.0	0	SYENITE	
300027	75WU-68-1		93N/13E													
300027	841	1521	125 43.11'W	56 0.23'N	4	0.56	1.41	6.02	2.5	0.0	0.89	2890.0	0.0	0	SYENITE	
300027	75WU-84-1		94C/4E													
300027	852	1522	125 42.40'W	56 0.44'N	4	0.74	1.54	5.75	2.1	0.0	0.89	2810.0	0.0	0	SYENITE	
300027	75WU-85-2		94C/4E													
300027	873	1523	125 40.52'W	56 1.19'N	4	0.76	2.44	6.08	3.2	0.0	0.97	2740.0	0.0	0	SYENITE	
300027	75WU-87-3		94C/4E													
300027	881	1524	125 39.93'W	56 1.49'N	4	2.23	3.25	5.28	1.5	0.0	1.37	2800.0	0.0	0	SYENITE	
300027	75WU-88-1		94C/4E													
300027	892	1525	125 38.97'W	56 1.57'N	4	0.40	0.68	4.05	1.7	0.0	0.53	2620.0	0.0	0	MONZONIORITE	
300027	75WU-89-2		94C/4E													
KASTBERG INTRUSIVE																
300027	701	1519	126 32.56'W	56 8.57'N	4	5.14	9.98	3.12	1.9	0.0	2.30	2640.0	0.0	0	B GRANODIORITE	
300027	75WU-70-1		94D/2E													
300027	741	1855	126 33.09'W	56 9.37'N	2	6.61	11.30	3.07	1.7	0.0	2.72	2600.0	0.0	0	R GRANITE	
300027	75WU-74-1		94D/2E													
300027	751	1859	126 32.37'W	56 9.68'N	2	12.30	11.00	2.98	0.9	0.0	4.13	2610.0	0.0	0	R GRANITE	
300027	75WU-75-1		94D/2E													
300027	761	1520	126 31.91'W	56 9.75'N	4	2.95	1.12	3.01	0.4	0.0	1.11	2630.0	0.0	0	R GRANITE	
300027	75WU-76-1		94D/2E													
MESILINKA PLUTON																
300027	971	1526	125 50.29'W	56 5.40'N	4	4.21	11.80	1.77	2.8	0.0	2.08	2660.0	0.0	0	R GRANODIORITE	
300027	1081	1861	125 43.24'W	56 5.70'N	2	1.27	1.57	2.67	1.2	0.0	0.68	2640.0	0.0	0	R GRANODIORITE	
300027	75WU-108-1		94C/4E													
300027	1131	1529	125 57.69'W	56 6.46'N	4	4.06	20.10	2.51	5.0	0.0	2.71	2680.0	0.0	0	MONZONIORITE	
300027	1151	1530	125 56.83'W	56 6.18'N	4	3.38	19.40	2.73	5.7	0.0	2.4R	2650.0	0.0	0	GRANODIORITE	
300027	1201	1531	125 54.18'W	56 5.23'N	4	2.29	16.40	2.38	7.2	0.0	1.96	2650.0	0.0	0	GRANODIORITE	
300027	75WU-120-1		94C/4W													
300027	1501	1857	125 41.34'W	56 3.11'N	2	0.70	0.90	2.59	1.3	0.0	0.48	2620.0	0.0	0	R GRANODIORITE	
300027	75WU-150-1		94C/4E													
300027	1631	1532	126 7.86'W	56 15.12'N	4	3.85	24.20	2.73	6.3	0.0	2.94	2660.0	0.0	0	QTZ MONZONIORITE	
300027	1642	1533	126 6.39'W	56 15.75'N	4	2.27	5.57	1.26	2.5	0.0	1.10	2710.0	0.0	0	QTZ DIORITE	
300027	75WU-164-2		94D/4E													

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SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U (PPM)	Th	K (PPM)	Th/U ERROR	ZCT (μ W/m $^{-3}$)	HEAT FROD. ($\text{K}\text{s}/\text{m}^{\mathbf{3}}$)	AGE (MA)	N ROCK TYPE, ETC.
300027	1673	1534	126 2.47'W	56 16.59'N	4	2.53	20.90	1.89	8.3	0.0	2.29	2660.0	0.0 0 QTZ MONZODIORITE
	75WV-167-3			94D/8E									
300027	1791	1851	125 50.53'W	56 5.36'N	2	4.99	26.20	2.58	5.3	0.0	3.38	2670.0	0.0 0 B GRANITE
	75WV-179-1			94C/4W									
300027	1801	1853	125 50.22'W	56 5.43'N	2	6.90	31.50	3.15	4.6	0.0	4.29	2670.0	0.0 0 B GRANITE
	75WV-180-1			94C/4W									
JENSEN PEAK													
300027	2011	1536	126 22.34'W	56 52.03'N	4	0.78	1.15	2.39	1.5	0.0	0.51	2650.0	0.0 0 QTZ MONZODIORITE
	75WV-201-1			94D/16W									
300027	2031	1537	126 24.75'W	56 52.18'N	4	0.46	0.99	2.35	2.7	0.0	0.41	2650.0	0.0 0 QTZ MONZODIORITE
	75WV-203-1			94D/16W									
FLEET PEAK													
300027	2081	1538	126 29.56'W	56 52.53'N	4	0.20	0.50	1.79	2.5	0.0	0.28	2870.0	0.0 0 DIORITE
	75WV-208-1			94D/16W									
300027	2351	1545	126 34.89'W	57 0.78'N	4	2.04	4.53	2.29	2.2	0.0	1.11	2800.0	0.0 0 QTZ MONZODIORITE
	75WV-235-1			94E/2									
E.J. MCCONNEL RANGE													
300027	2091	1539	126 31.63'W	56 46.39'N	4	1.02	1.90	0.86	1.9	0.0	0.51	2830.0	0.0 0 MONZODIORITE
	75WV-209-1			94D/15E									
300027	2101	1540	126 31.22'W	56 46.07'N	4	1.90	3.59	1.60	1.9	0.0	0.92	2740.0	0.0 0 MONZODIORITE
	75WV-210-1			94D/15E									
E.J. MOUNT FREDRICKSON													
300027	2181	1541	126 36.72'W	56 58.15'N	4	2.33	6.82	2.06	2.9	0.0	1.30	2720.0	0.0 0 QTZ MONZODIORITE
	75WV-218-1			94D/15E									
300027	2201	1542	126 35.35'W	56 57.75'N	4	2.95	7.59	2.36	2.6	0.0	1.56	2750.0	0.0 0 TONALITE
	75WV-220-1			94D/15E									
300027	2251	1543	126 32.97'W	56 55.57'N	4	0.66	1.18	2.47	1.8	0.0	0.48	2640.0	0.0 0 QTZ MONZODIORITE
	75WV-225-1			94D/15E									
300027	2341	1544	126 35.18'W	57 0.45'N	4	3.12	8.68	2.82	2.8	0.0	1.70	2690.0	0.0 0 GRANDIORITE
	75WV-234-1			94E/2									

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SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	M	U	Th	K	TH/U	ZCT	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
			LATITUDE	(ρ_{FW})	(r_{FW})	(r_{FW})	(%)		($\mu\text{W}/\text{m}^3$)	(Kg/m^3)	(MA)			
Camsell River														
300002B	1	0	118° 0.00' W	66° 0.00' N	0	6.80	17.00	0.26	2.5	0.0	2.97	0.0	0.0	MAGNETITE-APATITE
300002B	2	0	118° 0.00' W	66° 0.00' N	0	4.70	28.70	0.45	6.1	0.0	3.27	0.0	0.0	LITHOLOGY

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LONGITUDE	LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (PPM)	Th/U	ZCT ERROR (m/m ³)	HEAT FRONT, DENSITY (Kg/m ³)	AGE (MA)	N ROCK TYPE, ETC.
Ecstall, Forder & Quatnon Plutons, Northern B.C.														
300029	1	1470	129	25'45"W	54 16' 6"N	1	0.66	1.35	1.50	2.0	0.0	0.41	0.0	0.0
300029	2	1471	129	21'55"W	54 13'36"N	1	0.16	0.23	1.43	1.4	0.0	0.19	0.0	0.0
300029	3	1472	128	53'15"W	53 45'10"N	1	2.71	9.79	2.19	3.6	0.0	1.60	0.0	0.0
300029	4	1473	130	7'42"W	54 14'24"N	1	1.07	2.82	1.94	2.6	0.0	0.66	0.0	0.0
300029	5	1474	130	3'45"W	54 14' 0"N	1	0.30	0.10	0.20	0.3	0.0	0.10	0.0	0.0
300029	6	1475	129	4'45"W	55 0'30"N	1	2.53	5.63	1.93	2.2	0.0	1.23	0.0	0.0
300029	7	1476	129	2'42"W	55 1'55"N	1	2.26	5.39	1.92	2.4	0.0	1.14	0.0	0.0
300029	8	1477	129	0' 0"W	55 0'23"N	1	2.46	5.05	2.58	2.1	0.0	1.24	0.0	0.0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FRONT. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT	HEAT FROB.	DENSITY	AGF	N	ROCK TYPE, ETC.
				(°N)	(ppm)	(ppm)	(ppm)	(%)	ERROR	(mW/m^3)	(Kg/m^3)	(MA)			
St. Hilaire															
300035	7058	0	73 9' 0'W	45 33' 0'N	0	6.96	20.60	4.14	3.0	0.0	3.64	0.0	0.0	0.0	0
300035	7059	0	73 9' 0'W	45 33' 0'N	0	1.06	2.99	0.37	2.8	0.0	0.52	0.0	0.0	0.0	0
300035	7060	0	73 9' 0'W	45 33' 0'N	0	9.40	20.20	3.17	2.1	0.0	4.14	0.0	0.0	0.0	0
300035	7061	0	73 9' 0'W	45 33' 0'N	0	9.86	9.39	3.18	1.0	0.0	3.50	0.0	0.0	0.0	0
300035	7062	0	73 9' 0'W	45 33' 0'N	0	11.20	9.17	3.47	0.8	0.0	3.86	0.0	0.0	0.0	0
300035	7063	0	73 9' 0'W	45 33' 0'N	0	23.80	17.20	3.07	0.7	0.0	7.63	0.0	0.0	0.0	0
300035	7065	0	73 9' 0'W	45 33' 0'N	0	12.90	15.50	3.33	1.2	0.0	4.73	0.0	0.0	0.0	0
300035	4	0	73 9' 0'W	45 33' 0'N	0	4.08	13.10	2.41	3.3	0.0	2.22	0.0	0.0	0.0	0
300035	29	0	73 9' 0'W	45 33' 0'N	0	2.57	8.06	1.23	3.1	0.0	1.35	0.0	0.0	0.0	0
300035	41	0	73 9' 0'W	45 33' 0'N	0	7.65	27.40	3.93	3.6	0.0	4.27	0.0	0.0	0.0	0
300035	430	0	73 9' 0'W	45 33' 0'N	0	19.60	34.00	1.81	1.7	0.0	7.61	0.0	0.0	0.0	0
300035	99	0	73 9' 0'W	45 33' 0'N	0	3.55	12.20	2.40	3.4	0.0	2.00	0.0	0.0	0.0	0
300035	2	0	73 9' 0'W	45 33' 0'N	0	0.50	1.58	0.99	3.2	0.0	0.33	0.0	0.0	0.0	0
300035	1	0	73 9' 0'W	45 33' 0'N	0	2.70	10.70	2.76	4.0	0.0	1.71	0.0	0.0	0.0	0

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SITE/ SAMPLE SERIES	DEPTH	SPECT	LOCATION	LATITUDE	LATITUDE	M	U	Th	K	Th/U ERROR (%)	ZCT ERROR (%)	HEAT FROB. (mW/m^2)	DENSITY (kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
Northern B.C. Inlets																
300037	1	12314	127	34.70'W	52	10.20'N	4	1.23	4.37	0.0	0.90	0.0	0.0	0.0	0.0	0.0
300037	2	12313	127	34.70'W	52	10.20'N	4	1.29	3.35	2.6	0.0	1.09	0.0	0.0	0.0	0.0
300037	3	12312	127	35.90'W	52	7.30'N	4	1.34	5.44	1.52	3.5	0.82	0.0	0.0	0.0	0.0
300037	4	12311	127	36.10'W	52	7.30'N	4	1.40	5.16	1.52	3.7	0.87	0.0	0.0	0.0	0.0
300037	5	12310	127	34.50'W	52	8.80'N	4	2.08	3.28	1.64	1.6	0.92	0.0	0.0	0.0	0.0
300037	6	12309	127	34.50'W	52	8.80'N	4	5.16	6.37	2.79	1.2	0.9	2.04	0.0	0.0	0.0
300037	7	12308	127	34.50'W	52	8.80'N	4	2.10	2.84	1.99	1.4	0.93	0.0	0.0	0.0	0.0
300037	8	12307	127	33.00'W	52	7.50'N	4	1.12	5.71	1.50	5.1	0.83	0.0	0.0	0.0	0.0
300037	9	12306	127	33.00'W	52	7.50'N	4	6.16	4.31	1.44	0.7	0.0	2.03	0.0	0.0	0.0
300037	10	12305	127	24.00'W	52	13.00'N	4	1.37	2.61	4.31	1.9	0.0	0.95	0.0	0.0	0.0
300037	11	12304	126	57.70'W	52	16.00'N	4	1.74	6.99	2.98	4.0	0.0	1.22	0.0	0.0	0.0
300037	12	12302	126	59.20'W	52	15.60'N	4	2.09	5.94	2.85	2.8	0.0	1.23	0.0	0.0	0.0
300037	13	12303	126	57.00'W	52	15.00'N	4	2.34	5.81	2.84	2.5	0.0	1.28	0.0	0.0	0.0
300037	14	12300	126	56.70'W	52	14.40'N	4	1.65	5.58	2.88	3.4	0.0	1.09	0.0	0.0	0.0
300037	15	12299	126	55.20'W	52	14.00'N	4	3.79	8.42	3.39	2.2	0.0	1.89	0.0	0.0	0.0
300037	16	12298	126	54.10'W	52	12.50'N	4	2.33	5.12	2.66	2.2	0.0	1.21	0.0	0.0	0.0
300037	17	12297	126	56.10'W	52	13.50'N	4	0.65	1.30	1.73	2.0	0.0	0.47	0.0	0.0	0.0
300037	18	12296	127	51.90'W	52	6.40'N	4	4.26	1.18	4.44	0.3	0.0	1.60	0.0	0.0	0.0
300037	19	12295	127	52.60'W	52	6.40'N	4	3.43	9.21	4.79	2.7	0.0	1.99	0.0	0.0	0.0
300037	20	12294	127	51.60'W	52	6.30'N	4	1.42	3.62	4.64	2.5	0.0	1.06	0.0	0.0	0.0
300037	21	12293	127	51.39'W	52	6.23'N	4	2.85	7.50	4.45	2.6	0.0	1.69	0.0	0.0	0.0
300037	22	12292	127	53.32'W	52	2.83'N	4	4.99	11.70	4.18	2.3	0.0	2.51	0.0	0.0	0.0
300037	23	12291	127	53.65'W	52	2.37'N	4	2.73	11.70	3.65	4.3	0.0	1.88	0.0	0.0	0.0
300037	24	12288	129	15.00'W	53	35.20'N	4	1.92	4.23	2.23	2.2	0.0	1.01	0.0	0.0	0.0
300037	25	12287	129	14.80'W	53	36.20'N	4	1.60	5.15	2.16	3.2	0.0	0.98	0.0	0.0	0.0
300037	26	12286	129	14.60'W	53	37.00'N	4	0.81	1.62	0.90	2.0	0.0	0.41	0.0	0.0	0.0
300037	27	12285	129	15.50'W	53	77.10'N	4	2.00	4.46	2.00	2.2	0.0	1.02	0.0	0.0	0.0
300037	28	12284	128	38.80'W	53	59.10'N	4	4.11	14.20	5.00	3.5	0.0	2.54	0.0	0.0	0.0
300037	29	12283	128	38.80'W	53	59.11'N	4	3.19	11.80	4.97	3.7	0.0	2.13	0.0	0.0	0.0
300037	30	12282	128	18.80'W	53	28.80'N	4	0.91	1.70	1.48	1.9	0.0	0.50	0.0	0.0	0.0
300037	31	12281	128	18.80'W	53	28.80'N	4	0.40	3.23	1.30	8.1	0.0	0.45	0.0	0.0	0.0
300037	32	12280	128	29.10'W	53	19.10'N	4	0.78	4.66	1.51	6.0	0.0	0.67	0.0	0.0	0.0
300037	33	12279	128	29.30'W	53	19.50'N	4	1.16	2.50	1.28	2.2	0.0	0.60	0.0	0.0	0.0
300037	34	12277	128	28.40'W	53	20.70'N	4	0.90	1.19	1.46	1.3	0.0	0.45	0.0	0.0	0.0
300037	35	12276	128	28.40'W	53	20.70'N	4	0.83	0.92	1.50	1.1	0.0	0.42	0.0	0.0	0.0
300037	36	12246	128	5.50'W	53	29.50'N	4	1.21	0.82	0.93	0.7	0.0	0.46	0.0	0.0	0.0
300037	37	12245	128	29.10'W	53	30.10'N	4	0.66	1.20	1.10	1.8	0.0	0.36	0.0	0.0	0.0
300037	38	12244	128	56.20'W	53	25.30'N	4	2.30	24.20	1.90	10.5	0.0	2.48	0.0	0.0	0.0
300037	39	12274	128	56.60'W	53	25.70'N	4	1.67	2.22	1.18	1.3	0.0	0.70	0.0	0.0	0.0
300037	40	12273	128	55.70'W	53	24.50'N	4	1.00	2.46	1.67	2.5	0.0	0.59	0.0	0.0	0.0
300037	41	12272	128	55.20'W	53	23.40'N	4	2.24	2.22	2.68	1.0	0.0	0.99	0.0	0.0	0.0
300037	42	12271	128	55.00'W	53	22.50'N	4	0.93	1.57	1.54	1.7	0.0	0.50	0.0	0.0	0.0
300037	43	12267	128	52.20'W	53	22.50'N	4	1.04	3.29	1.31	3.2	0.0	0.62	0.0	0.0	0.0
300037	44	12266	128	55.30'W	53	21.50'N	4	1.71	2.21	1.14	1.3	0.0	0.70	0.0	0.0	0.0
300037	45	12265	128	52.80'W	53	21.60'N	4	2.50	5.12	1.19	2.0	0.0	1.12	0.0	0.0	0.0
300037	46	12264	128	52.80'W	53	21.10'N	4	2.78	2.69	1.51	1.0	0.0	1.05	0.0	0.0	0.0
300037	47	12263	128	52.50'W	53	21.60'N	4	1.72	2.75	2.76	2.2	0.0	0.97	0.0	0.0	0.0
300037	48	12261	128	52.20'W	53	21.80'N	4	2.79	4.39	1.59	1.6	0.0	1.18	0.0	0.0	0.0
300037	49	12260	128	51.60'W	53	21.90'N	4	2.36	4.17	1.51	1.8	0.0	1.05	0.0	0.0	0.0
300037	50	12259	128	51.30'W	53	21.50'N	4	1.86	2.48	1.86	1.3	0.0	0.83	0.0	0.0	0.0
300037	51	12258	128	52.80'W	53	21.00'N	4	1.76	2.70	1.80	1.5	0.0	0.81	0.0	0.0	0.0

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROB. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H	U	Th	K	Th/U	XCT ERROR	HEAT FROD. ($\text{mW/m}^2\text{s}^{-3}$)	DENSITY (kg/m^3)	AGE, N (MA)	ROCK TYPE, ETC.
						(PPM)	(PPM)	(PPM)	(%)						
300037	52	12257	130	24.70'W	55	1.10'N	4	1.29	3.07	2.17	2.4	0.0	0.0	0.0	0.0
300037	53	12256	130	1.90'W	55	1.80'N	4	3.55	14.90	2.74	4.2	0.0	2.22	0.0	0.0
300037	54	12255	130	1.50'W	55	3.80'N	4	0.29	0.41	1.08	1.4	0.0	0.21	0.0	0.0
300037	55	12182	130	0.90'W	55	4.00'N	4	0.53	1.98	3.79	3.7	0.0	0.64	0.0	0.0
300037	56	12181	129	58.90'W	55	5.90'N	4	1.20	13.30	1.74	11.1	0.0	1.41	0.0	0.0
300037	57	12278	129	57.10'W	55	7.60'N	4	1.85	17.80	2.75	9.6	0.0	1.99	0.0	0.0
300037	58	12179	129	55.00'W	55	9.10'N	4	2.21	5.82	1.82	2.6	0.0	1.15	0.0	0.0
300037	63	12163	129	45.30'W	55	16.90'N	4	1.20	11.40	2.59	2.7	0.0	2.13	0.0	0.0
300037	64	12162	129	45.30'W	55	16.90'N	4	1.29	2.50	1.54	1.9	0.0	0.66	0.0	0.0
300037	65	12161	129	45.00'W	55	17.50'N	4	1.61	4.34	2.29	2.7	0.0	0.94	0.0	0.0
300037	66	12165	129	48.10'W	55	16.20'N	4	3.31	11.30	4.35	2.0	0.0	3.10	0.0	0.0
300037	67	12159	129	46.40'W	55	16.50'N	4	3.60	16.90	4.06	4.7	0.0	2.50	0.0	0.0
300037	68	12158	129	44.30'W	55	18.70'N	4	2.94	21.60	3.00	7.3	0.0	2.56	0.0	0.0
300037	69	12157	129	43.40'W	55	19.20'N	4	1.46	3.17	0.32	2.2	0.0	0.63	0.0	0.0
300037	70	12156	129	42.50'W	55	20.40'N	4	0.61	1.50	6.27	2.5	0.0	0.86	0.0	0.0
300037	71	12155	129	43.70'W	55	21.60'N	4	2.08	5.45	2.24	2.6	0.0	1.13	0.0	0.0
300037	72	12154	129	44.30'W	55	21.50'N	4	2.28	3.80	2.11	1.7	0.0	1.06	0.0	0.0
300037	73	12153	129	45.10'W	55	20.00'N	4	1.00	2.22	0.21	2.2	0.0	0.47	0.0	0.0
300037	74	12152	129	44.80'W	55	29.40'N	4	4.50	14.50	3.55	3.2	0.0	2.52	0.0	0.0
300037	75	12151	129	44.60'W	55	29.10'N	4	5.37	15.70	3.58	2.9	0.0	2.83	0.0	0.0
300037	76	12150	129	44.20'W	55	28.80'N	4	4.00	12.60	3.05	3.2	0.0	2.21	0.0	0.0
300037	77	12149	129	43.20'W	55	27.70'N	4	3.95	13.10	3.14	3.3	0.0	2.24	0.0	0.0
300037	78	12148	129	44.40'W	55	27.30'N	4	1.66	3.72	1.36	2.2	0.0	0.82	0.0	0.0
300037	79	12147	129	45.00'W	55	27.60'N	4	2.95	2.95	2.90	2.4	0.0	1.53	0.0	0.0
300037	80	12146	129	45.80'W	55	27.70'N	4	1.29	2.78	0.17	2.2	0.0	0.54	0.0	0.0
300037	81	12139	129	46.00'W	55	28.40'N	4	7.30	4.09	1.64	0.6	0.0	2.32	0.0	0.0
300037	82	12145	129	46.50'W	55	29.40'N	4	19.20	29.10	4.60	1.5	0.0	7.43	0.0	0.0
300037	83	12144	129	47.70'W	55	37.80'N	4	4.47	10.70	3.66	2.4	0.0	2.25	0.0	0.0
300037	84	12143	129	47.50'W	55	37.50'N	4	5.32	12.70	2.75	2.4	0.0	2.53	0.0	0.0
300037	85	12138	129	47.40'W	55	37.10'N	4	4.67	10.70	3.19	2.3	0.0	2.29	0.0	0.0
300037	86	12167	129	47.20'W	55	36.60'N	4	4.68	11.30	3.79	2.4	0.0	2.36	0.0	0.0
300037	87	12136	129	46.80'W	55	36.20'N	4	2.82	6.03	3.03	2.1	0.0	1.44	0.0	0.0
300037	88	12135	129	46.50'W	55	35.80'N	4	2.81	17.70	3.13	6.3	0.0	2.27	0.0	0.0
300037	89	12134	129	46.70'W	55	35.50'N	4	2.13	6.93	3.12	3.3	0.0	1.33	0.0	0.0
300037	90	12133	129	46.80'W	55	35.10'N	4	2.65	6.47	3.03	2.4	0.0	1.43	0.0	0.0
300037	91	12132	129	47.00'W	55	34.40'N	4	3.35	7.62	3.51	2.3	0.0	1.73	0.0	0.0
300037	92	12131	129	46.90'W	55	33.80'N	4	4.02	14.20	3.70	3.5	0.0	2.39	0.0	0.0
300037	93	12141	129	46.30'W	55	33.20'N	4	3.43	12.90	3.66	3.8	0.0	2.14	0.0	0.0
300037	94	12129	129	46.20'W	55	32.50'N	4	4.45	11.90	3.88	2.7	0.0	2.35	0.0	0.0
300037	95	12128	129	46.20'W	55	31.80'N	4	2.87	11.10	3.88	3.9	0.0	1.89	0.0	0.0
300037	96	12127	129	45.90'W	55	31.30'N	4	2.03	7.36	3.21	3.6	0.0	1.35	0.0	0.0
300037	97	12126	130	5.20'W	55	31.90'N	4	3.01	13.70	3.22	4.6	0.0	2.05	0.0	0.0
300037	98	12125	130	6.30'W	55	33.60'N	4	2.62	6.01	1.98	2.3	0.0	1.29	0.0	0.0
300037	99	12124	130	6.60'W	55	35.00'N	4	3.00	6.83	2.41	2.3	0.0	1.48	0.0	0.0
300037	100	12123	130	6.50'W	55	34.00'N	4	3.05	5.56	2.52	1.8	0.0	1.42	0.0	0.0
300037	101	12121	130	6.30'W	55	35.90'N	4	3.61	7.84	2.54	2.2	0.0	1.72	0.0	0.0
300037	102	12120	130	6.20'W	55	36.80'N	4	3.72	6.78	2.05	1.8	0.0	1.63	0.0	0.0
300037	103	12119	130	5.90'W	55	37.40'N	4	2.07	7.61	2.98	3.7	0.0	1.35	0.0	0.0
300037	104	12118	130	5.40'W	55	38.50'N	4	4.46	5.70	2.91	1.3	0.0	1.83	0.0	0.0
300037	105	12117	130	5.30'W	55	40.40'N	4	3.31	10.50	2.71	3.2	0.0	1.85	0.0	0.0

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	M	U	Th	K	ZCT	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
						(PPM)	(PPM)	(PPM)	(%)	ERROR	(uW/m^3)	(Kg/m^3)	(Ma)		
300037	106	12116	130	5.80'W	55 41.50'N	4	1.77	3.38	0.90	1.9	0.0	0.0	0.0	0.0	0.0
300037	107	12115	130	6.40'W	55 47.70'N	4	2.38	10.10	2.94	4.2	0.0	1.60	0.0	0.0	0.0
300037	108	12114	130	5.90'W	55 48.00'N	4	3.87	9.10	2.88	2.4	0.0	1.91	0.0	0.0	0.0
300037	109	12113	130	5.30'W	55 48.40'N	4	1.86	8.48	3.22	4.6	0.0	1.38	0.0	0.0	0.0
300037	110	12112	130	1.70'W	55 51.80'N	4	2.59	7.94	4.25	3.1	0.0	1.63	0.0	0.0	0.0
300037	111	12111	130	1.00'W	55 52.40'N	4	3.89	6.62	3.08	1.7	0.0	1.76	0.0	0.0	0.0
300037	112	12110	130	0.80'W	55 52.90'N	4	3.84	11.00	3.63	2.9	0.0	2.11	0.0	0.0	0.0
300037	113	12109	129	58.80'W	55 55.80'N	4	3.45	9.19	3.01	2.7	0.0	1.82	0.0	0.0	0.0
300037	114	12108	130	0.50'W	55 56.00'N	4	3.28	10.40	3.27	3.2	0.0	1.89	0.0	0.0	0.0
300037	115	12105	130	0.30'W	55 56.35'N	4	3.35	10.30	3.14	3.1	0.0	1.89	0.0	0.0	0.0
300037	116	12104	130	0.60'W	55 56.00'N	4	3.06	27.60	3.88	9.0	0.0	3.10	0.0	0.0	0.0
300037	117	12103	130	0.20'W	55 21.90'N	4	3.10	18.90	4.31	6.1	0.0	2.54	0.0	0.0	0.0
300037	118	12106	130	0.10'W	55 20.80'N	4	0.73	1.28	0.23	1.8	0.0	0.30	0.0	0.0	0.0
300037	119	12107	130	0.20'W	55 20.50'N	4	4.59	18.40	3.70	4.0	0.0	2.83	0.0	0.0	0.0
300037	120	12100	129	58.50'W	55 19.40'N	4	7.91	20.20	2.26	2.6	0.0	3.67	0.0	0.0	0.0
300037	120	12099	129	58.50'W	55 19.40'N	4	8.03	20.00	2.28	2.5	0.0	3.69	0.0	0.0	0.0
300037	121	12098	129	57.50'W	55 18.00'N	4	9.00	15.40	3.54	1.7	0.0	3.74	0.0	0.0	0.0
300037	122	12097	129	58.00'W	55 17.20'N	4	1.77	11.50	4.27	6.5	0.0	1.67	0.0	0.0	0.0
300037	123	12096	129	57.60'W	55 16.70'N	4	3.93	9.91	3.05	2.5	0.0	2.00	0.0	0.0	0.0
300037	124	12254	129	58.40'W	55 16.20'N	4	3.94	8.47	3.21	2.1	0.0	1.92	0.0	0.0	0.0
300037	125	12253	129	58.70'W	55 16.00'N	4	3.14	7.33	2.92	2.3	0.0	1.60	0.0	0.0	0.0
300037	126	12250	130	0.40'W	55 15.00'N	4	2.72	6.83	1.75	2.5	0.0	1.35	0.0	0.0	0.0
300037	127	12239	130	16.40'W	54 50.10'N	4	0.82	1.70	2.97	2.1	0.0	0.61	0.0	0.0	0.0
300037	128	12238	130	16.60'W	54 50.00'N	4	1.11	2.99	2.27	2.7	0.0	0.71	0.0	0.0	0.0
300037	129	12237	130	17.00'W	54 50.00'N	4	0.88	2.92	1.73	3.3	0.0	0.60	0.0	0.0	0.0
300037	130	12236	130	17.00'W	54 49.90'N	4	7.09	22.30	4.49	3.1	0.0	3.82	0.0	0.0	0.0
300037	131	12235	130	17.00'W	54 49.80'N	4	7.54	25.70	4.56	3.4	0.0	4.19	0.0	0.0	0.0
300037	132	12234	130	17.10'W	54 49.70'N	4	2.30	7.68	2.33	3.3	0.0	1.36	0.0	0.0	0.0
300037	133	12233	130	17.40'W	54 49.50'N	4	0.36	0.55	1.17	1.5	0.0	0.24	0.0	0.0	0.0
300037	134	12232	130	17.70'W	54 49.40'N	4	1.98	5.01	2.12	2.5	0.0	1.06	0.0	0.0	0.0
300037	135	12231	130	17.00'W	54 49.50'N	4	7.61	24.40	4.14	3.2	0.0	0.0	0.0	0.0	0.0
300037	136	12230	130	19.50'W	54 48.70'N	4	1.37	14.70	3.16	10.7	0.0	1.69	0.0	0.0	0.0
300037	137	12229	130	19.30'W	54 48.70'N	4	1.07	7.31	5.34	6.8	0.0	1.30	0.0	0.0	0.0
300037	138	12228	130	19.00'W	54 48.90'N	4	0.89	6.37	1.81	7.2	0.0	0.85	0.0	0.0	0.0
300037	139	12227	130	18.70'W	54 49.20'N	4	1.44	2.98	1.36	2.1	0.0	0.71	0.0	0.0	0.0
300037	140	12226	130	18.50'W	54 45.50'N	4	2.07	8.57	4.05	4.1	0.0	1.52	0.0	0.0	0.0
300037	141	12225	130	18.40'W	54 45.70'N	4	2.41	19.90	3.72	8.3	0.0	2.38	0.0	0.0	0.0
300037	142	12224	130	18.00'W	54 45.70'N	4	1.07	2.31	1.78	2.2	0.0	0.61	0.0	0.0	0.0
300037	143	12223	130	18.10'W	54 45.50'N	4	0.74	1.35	1.29	1.8	0.0	0.41	0.0	0.0	0.0
300037	144	30036	130	18.00'W	54 49.30'N	4	0.86	4.49	0.00	5.2	0.0	0.54	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M (r_{pm})	U (r_{pm})	Th (r_{pm})	K (%)	Th/U	ZCT ERROR	HEAT FROD. ($\mu\text{W}/\text{m}^3$)	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.			
DSDP Site #174																	
300040	1	0	126 20.80'W	44 53.38'N	0	2.39	8.09	2.18	3.4	7.0	1.39	0.0	0.0	0			
300040	2	0	126 20.80'W	44 53.38'N	0	2.66	10.80	2.42	4.1	8.0	1.68	0.0	0.0	0			
300040	3	0	126 20.80'W	44 53.38'N	0	1.85	6.18	1.96	3.3	8.0	1.10	0.0	0.0	0			
300040	4	0	126 20.80'W	44 53.38'N	0	2.05	8.70	2.27	4.2	10.0	1.36	0.0	0.0	0			
300040	5	0	126 20.80'W	44 53.38'N	0	2.40	8.87	2.42	3.7	10.0	1.47	0.0	0.0	0			
300040	6	0	126 20.80'W	44 53.38'N	0	2.24	8.94	2.43	4.0	9.0	1.44	0.0	0.0	0			
300040	7	0	126 20.80'W	44 53.38'N	0	2.53	9.71	2.32	3.8	6.0	1.56	0.0	0.0	0			
300040	8	0	126 20.80'W	44 53.38'N	0	2.05	8.21	2.22	4.0	11.0	1.32	0.0	0.0	0			
DSDP Site #199																	
300040	9	0	156 10.30'E	13 30.80'N	0	0.54	3.17	1.40	5.9	10.0	0.50	0.0	0.0	0			
(300040	10	0	156 10.30'E	13 30.80'N	0	0.42	1.98	Excess U (.2ppm)	(.2ppm)	Excess U (.8ppm)	0.65	4.7	26.0	0.31	0.0	0.0
(DSDP Site #198																
300040	11	0	154 35.00'E	25 49.50'N	0	2.07	17.00	3.26	8.2	11.0	2.04	0.0	0.0	0			
(300040	12	0	154 35.00'E	25 49.50'N	0	2.24	11.10	2.98	5.0	7.0	1.64	0.0	0.0	0		
(DSDP Site #178																
300040	13	0	147 7.86'W	56 57.38'N	0	2.18	5.43	2.13	2.5	13.0	1.15	0.0	0.0	0			
(300040	14	0	147 7.86'W	56 57.38'N	0	1.84	5.86	Depleted U (.3ppm)	(.3ppm)	2.32	3.2	7.0	1.11	0.0	0.0	
(300040	15	0	147 7.86'W	56 57.38'N	0	1.99	5.62	1.92	2.8	7.0	1.09	0.0	0.0	0		

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LONGITUDE	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U (%)	%CT ERROR	HEAT FROD. (mW/m^3)	DENSITY (Kg/m^3)	AGE (Ma)	N ROCK TYPE, ETC.
Whiteshell															
300041	100001	0	96 4'	0°W	50 15' 0°N	0	6.32	26.70	4.18	4.2	0.0	3.91	0.0	0.0	0
300041	100002	0	96 4'	0°W	50 15' 0°N	0	13.80	40.10	4.47	2.9	0.0	6.80	0.0	0.0	0
300041	100003	0	96 4'	0°W	50 15' 0°N	0	10.10	28.90	4.39	2.9	0.0	5.05	0.0	0.0	0
300041	100004	0	96 4'	0°W	50 15' 0°N	0	19.00	41.70	4.38	2.2	0.0	8.24	0.0	0.0	0
300041	100005	0	96 4'	0°W	50 15' 0°N	0	12.70	40.60	4.16	3.2	0.0	6.52	0.0	0.0	0
300041	100006	0	96 4'	0°W	50 15' 0°N	0	8.54	29.20	4.44	3.4	0.0	4.68	0.0	0.0	0
300041	100007	0	96 4'	0°W	50 15' 0°N	0	8.36	31.30	4.51	3.7	0.0	4.79	0.0	0.0	0
300041	100008	0	96 4'	0°W	50 15' 0°N	0	6.98	31.20	4.29	4.5	0.0	4.40	0.0	0.0	0
300041	100009	0	96 4'	0°W	50 15' 0°N	0	7.91	28.00	4.40	3.5	0.0	4.13	0.0	0.0	0
300041	100010	0	96 4'	0°W	50 15' 0°N	0	8.03	32.10	4.19	4.0	0.0	4.73	0.0	0.0	0
300041	200001	0	96 4'	0°W	50 15' 0°N	0	4.03	20.80	4.13	5.2	0.0	2.90	0.0	0.0	0
300041	200002	0	96 4'	0°W	50 15' 0°N	0	2.79	10.70	4.71	3.8	0.0	1.63	0.0	0.0	0
300041	200003	0	96 4'	0°W	50 15' 0°N	0	3.18	8.37	1.69	2.6	0.0	1.57	0.0	0.0	0
300041	200004	0	96 4'	0°W	50 15' 0°N	0	8.30	34.20	3.83	4.1	0.0	4.91	0.0	0.0	0
300041	200005	0	96 4'	0°W	50 15' 0°N	0	2.44	7.61	2.31	3.1	0.0	1.38	0.0	0.0	0
300041	200006	0	96 4'	0°W	50 15' 0°N	0	15.70	36.90	4.49	2.4	0.0	7.07	0.0	0.0	0
Chalk River															
300041	300001	0	0 0'	0°W	0°N	0	1.03	3.18	4.70	3.1	0.0	0.94	0.0	0.0	0
300041	300002	0	0 0'	0°W	0°N	0	1.12	3.07	2.79	2.7	0.0	0.77	0.0	0.0	0
300041	300003	0	0 0'	0°W	0°N	0	2.00	4.10	3.25	2.0	0.0	1.11	0.0	0.0	0
300041	300004	0	0 0'	0°W	0°N	0	8.27	30.30	4.23	3.7	0.0	4.67	0.0	0.0	0
300041	300004	0	0 0'	0°W	0°N	0	1.08	4.92	4.34	1.8	0.0	0.63	0.0	0.0	0
300041	300005	0	0 0'	0°W	0°N	0	0.91	6.83	3.95	7.5	0.0	1.09	0.0	0.0	0
300041	300006	0	0 0'	0°W	0°N	0	3.21	8.20	4.16	2.6	0.0	1.80	0.0	0.0	0
300041	300011	0	0 0'	0°W	0°N	0	0.31	0.99	0.42	3.2	0.0	0.19	0.0	0.0	0
300041	300007	0	0 0'	0°W	0°N	0	0.31	1.10	0.53	3.5	0.0	0.21	0.0	0.0	0
300041	300008	0	0 0'	0°W	0°N	0	0.71	0.94	2.10	1.3	0.0	0.45	0.0	0.0	0
300041	300009	0	0 0'	0°W	0°N	0	0.33	0.84	0.36	2.5	0.0	0.18	0.0	0.0	0
300041	300010	0	0 0'	0°W	0°N	0	1.21	6.00	3.92	5.0	0.0	1.11	0.0	0.0	0
300041	400001	0	0 0'	0°W	0°N	0	1.44	3.73	4.15	2.6	0.0	1.03	0.0	0.0	0
300041	400002	0	0 0'	0°W	0°N	0	1.97	5.40	2.90	2.7	0.0	1.16	0.0	0.0	0
300041	400003	0	0 0'	0°W	0°N	0	2.03	9.26	4.45	4.6	0.0	1.60	0.0	0.0	0
300041	400004	0	0 0'	0°W	0°N	0	2.26	6.38	2.98	2.8	0.0	1.32	0.0	0.0	0
300041	400005	0	0 0'	0°W	0°N	0	2.04	6.57	3.11	3.2	0.0	1.28	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	M	U	Th	K	Th/U ERROR (%)	ZCT ERROR (%)	HEAT FROM. (uW/m^3)	DENSITY (Kg/m^3)	Δ 6E (MA)	N	ROCK TYPE, ETC.
Shelf Sediments from dredging, northwest Vancouver Island														
300042	770003	2315	128 32.32'W	50	40.62'N	0	0.90	2.18	0.98	2.4	6.0	0.48	0.0	0.0
300042	770028	2316	129 19.08'W	50	30.40'N	2	0.03	0.00	0.11	999.9	> 30.0	0.02	0.0	0.0
300042	770100	2317	128 21.61'W	50	23.87'N	0	1.24	2.98	1.20	2.1	5.0	0.64	0.0	0.0
300042	780026	2318	128 2.87'W	50	47.18'N	0	1.56	3.90	1.02	2.5	6.0	0.77	0.0	0.0
300042	790085	2414	126 15.25'W	49	17.95'N	0	7.05	18.20	0.64	2.6	2.0	3.16	0.0	0.0
VECTOR CRUISE														

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROM. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZCT	HEAT PROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(°N)	(PPM)	(PPM)	(PPM)	(%)		ERROR	(JW/m^3)	(Kg/m^3)	(MA)		
Surface Samples of the Coryell															
300043	0	18	0	0.00'W	0	0.00'N	0	3.21	26.60	3.90	8.3	0.0	3.07	0.0	0
300043	93	17	118	30.66'W	49	23.83'N	0	3.25	27.00	3.93	8.3	0.0	3.11	0.0	0
300043	95	19	118	33.78'W	49	24.08'N	0	1.74	15.10	3.43	8.7	0.0	1.84	0.0	0
300043	112	2325	118	31.04'W	49	25.11'N	0	1.85	8.20	4.61	4.4	0.0	1.49	0.0	0
300043	113	2361	118	31.07'W	49	25.13'N	0	7.79	61.30	4.94	7.9	0.0	6.79	0.0	0
300043	114	2360	118	31.00'W	49	25.13'N	0	1.17	3.80	4.80	3.2	0.0	1.03	0.0	0
300043	115	2359	118	30.84'W	49	25.20'N	0	1.42	4.79	4.05	3.4	0.0	1.09	0.0	0
300043	116	26	118	30.75'W	49	24.31'N	0	1.80	9.69	3.06	5.4	0.0	1.44	0.0	0
300043	117	27	118	30.74'W	49	24.34'N	0	5.11	68.20	4.72	13.3	0.0	6.57	0.0	0
300043	118	28	118	30.85'W	49	24.39'N	0	0.43	2.47	2.45	5.7	0.0	0.52	0.0	0
300043	119	29	118	30.87'W	49	24.58'N	0	1.35	3.73	5.90	2.8	0.0	1.17	0.0	0
300043	121	30	118	33.80'W	49	24.63'N	0	2.32	11.40	3.52	4.9	0.0	1.74	0.0	0
300043	122	31	118	33.78'W	49	24.62'N	0	0.76	1.74	6.20	2.3	0.0	0.91	0.0	0
300043	123	32	118	33.76'W	49	24.60'N	0	3.35	55.60	4.63	16.6	0.0	5.22	0.0	0
300043	124	33	118	33.64'W	49	25.75'N	0	1.67	6.05	2.41	3.6	0.0	1.09	0.0	0
300043	126	34	118	33.74'W	49	25.96'N	0	7.62	17.40	5.86	2.3	0.0	3.75	0.0	0
300043	127	35	118	25.19'W	49	27.24'N	0	6.85	30.10	5.76	4.4	0.0	4.43	0.0	0
300043	218	36	118	24.67'W	49	26.34'N	0	7.04	27.80	4.42	3.9	0.0	4.20	0.0	0
300043	219	37	118	24.98'W	49	25.81'N	0	9.00	38.00	5.29	4.2	0.0	5.52	0.0	0
300043	220	38	118	25.69'W	49	24.75'N	0	7.11	26.70	5.11	3.8	0.0	4.20	0.0	0
300043	221	39	118	25.67'W	49	24.74'N	0	6.63	31.80	5.06	4.8	0.0	4.43	0.0	0
300043	223	41	118	27.51'W	49	19.89'N	0	7.45	31.00	6.48	4.2	0.0	4.72	0.0	0
300043	225	42	118	27.54'W	49	19.76'N	0	7.99	32.30	4.67	4.0	0.0	4.78	0.0	0
300043	235	43	118	26.83'W	49	21.46'N	0	4.87	14.10	6.04	2.9	0.0	2.82	0.0	0
300043	236	44	118	26.88'W	49	21.44'N	0	7.03	25.90	7.11	3.7	0.0	4.31	0.0	0
300043	237	46	118	27.42'W	49	23.18'N	0	2.51	7.29	4.46	2.9	0.0	1.59	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H (ppm)	U (ppm)	Th (ppm)	K (%)	Th/U	ZCT ERROR	HEAT PROD. ($\mu\text{W}/\text{m}^3$)	DENSITY (Kg/m^3)	AGE (MA)	ROCK TYPE, ETC.
Whiteshell															
300044	100050	2211	96	4° 0' W	50 15' 0" N	0	3.46	9.14	1.80	2.6	0.0	1.71	0.0	0.0	0
300044	100087	2212	96	4° 0' W	50 15' 0" N	0	4.86	42.00	5.33	8.6	0.0	4.72	0.0	0.0	0
300044	100327	2213	96	4° 0' W	50 15' 0" N	0	9.48	37.10	4.76	3.9	0.0	5.51	0.0	0.0	0
300044	400617	2214	96	4° 0' W	50 15' 0" N	0	6.96	37.10	4.34	5.3	0.0	4.82	0.0	0.0	0
300044	400641	2215	96	4° 0' W	50 15' 0" N	0	8.15	32.70	4.63	4.0	0.0	4.84	0.0	0.0	0
300044	400674	2216	96	4° 0' W	50 15' 0" N	0	12.60	28.30	4.32	2.2	0.0	5.65	0.0	0.0	0
300044	400706	2217	96	4° 0' W	50 15' 0" N	0	8.76	38.00	4.51	4.3	0.0	5.36	0.0	0.0	0
300044	400739	0	96	4° 0' W	50 15' 0" N	0	0.00	0.00	0.00	999.9	0.0	0.00	0.00	0.0	0
300044	400770	0	96	4° 0' W	50 15' 0" N	0	0.00	0.00	0.00	999.9	0.0	0.00	0.00	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M	U (PPM)	Th (PPM)	K (%)	Th/U ERROR (%)	ZCT ERROR (%)	HEAT FROD. (JW/m^3)	DENSITY (Kg/m^3)	AGE (MA)	N	ROCK TYPE, ETC.
Okanagan Valley, B.C.															
300045	1	68	119 21.80'W	49 23.70'N	0	3.31	17.10	5.60	5.2	12.1	2.59	0.0	0.0	0.0	0
300045	2	69	119 21.80'W	49 23.70'N	0	2.81	15.50	4.82	5.5	7.0	2.28	0.0	0.0	0.0	0
300045	3	70	119 21.80'W	49 23.70'N	0	4.79	22.10	1.13	4.6	8.9	2.90	0.0	0.0	0.0	0
300045	4	71	119 41.30'W	49 38.10'N	0	3.65	12.50	4.05	3.4	5.4	2.21	0.0	0.0	0.0	0
300045	5	72	119 32.20'W	49 52.30'N	0	0.05	2.39	0.72	999.9	99.8	0.25	0.0	0.0	0.0	0
300045	6	73	119 32.20'W	49 52.30'N	0	3.77	14.40	4.32	3.8	7.1	2.40	0.0	0.0	0.0	0
300045	7	2411	119 32.20'W	49 52.30'N	0	0.60	2.08	0.89	3.5	4.2	0.39	0.0	0.0	0.0	0
300045	8	75	119 40.60'W	49 37.40'N	0	2.66	8.54	1.63	3.2	11.2	1.44	0.0	0.0	0.0	0
300045	9	76	119 21.80'W	49 23.70'N	0	3.36	19.20	4.84	5.7	8.1	2.68	0.0	0.0	0.0	0
300045	10	77	119 52.70'W	49 32.10'N	0	24.30	128.00	5.48	5.3	1.5	15.79	0.0	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	H (ρ_{Pm})	U (ρ_{Pm})	Th (ρ_{Pm})	K (%)	Th/U	XCT ERROR	HEAT FROD.	DENSITY (Kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
Scotian Shelf Sediments													
BANQUEREAU													
300046	1	0	57 48.00'W 44 35.16'N	2	0.92	1.72	0.24	1.9	0.0	0.34	2390.0	0.0	0
300046	2	0	59 37.56'W 44 8.70'N	2	1.64	3.80	1.16	2.3	0.0	0.62	2080.0	0.0	0
300046	3	0	61 33.60'W 43 14.94'N	2	2.25	3.14	0.90	1.4	0.0	0.68	2050.0	0.0	0
300046	4	0	60 37.20'W 43 51.12'N	2	3.81	3.25	1.10	0.9	0.0	1.28	2610.0	0.0	0
DAWSON CANYON													
300046	5	0	57 59.40'W 45 19.44'N	2	2.08	9.48	1.44	4.6	0.0	1.03	2060.0	0.0	0
300046	6	0	59 37.56'W 44 8.70'N	2	1.95	7.02	1.35	3.6	0.0	0.97	2180.0	0.0	0
300046	7	0	60 37.20'W 43 51.12'N	2	2.15	5.70	1.26	2.7	0.0	0.87	2170.0	0.0	0
300046	8	0	61 33.60'W 43 14.94'N	2	1.86	5.19	1.02	2.8	0.0	0.84	2390.0	0.0	0
LOGAN CANYON													
300046	9	0	57 59.40'W 45 19.44'N	2	2.72	5.55	1.36	2.0	0.0	1.14	2500.0	0.0	0
300046	10	0	59 56.76'W 43 49.62'N	2	2.39	9.39	1.84	3.9	0.0	1.32	2430.0	0.0	0
300046	11	0	59 37.56'W 44 8.70'N	2	2.06	7.24	1.45	3.5	0.0	1.02	2320.0	0.0	0
300046	12	0	59 7.08'W 44 0.48'N	2	1.75	3.83	0.82	2.2	0.0	0.71	2360.0	0.0	0
MIC MAC													
300046	13	0	59 56.76'W 43 49.62'N	2	2.93	12.22	3.05	4.2	0.0	1.81	2530.0	0.0	0
300046	14	0	59 37.56'W 44 8.70'N	2	3.17	12.89	2.96	4.1	0.0	1.85	2460.0	0.0	0
300046	15	0	62 34.02'W 43 29.76'N	2	2.10	8.49	1.70	4.0	0.0	1.35	2780.0	0.0	0
300046	16	0	59 21.48'W 44 6.36'N	2	2.33	9.10	1.97	3.9	0.0	1.41	2700.0	0.0	0
MISSISSAUGA													
300046	17	0	59 56.76'W 43 49.62'N	2	2.27	9.55	2.18	4.3	0.0	1.38	2530.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H (ppm)	U (ppm)	Th (ppm)	K (ppm)	Th/U (%)	ZCT ERROR	HEAT FROD. ($\text{J}/\text{m}^2\text{s}^3$)	DENSITY (Kg/m^3)	AGE (Ma)	N ROCK TYPE, ETC.
300046	18	0	59 37.56'W	44 8.70'N	2	2.59	10.67	2.56	4.1	0.0	1.48	2380.0	0.0	0.0	Citnalta
300046	19	0	60 49.92'W	43 41.46'N	2	1.18	5.01	0.99	4.2	0.0	0.72	2560.0	0.0	0.0	Desmascota
300046	20	0	60 37.20'W	43 51.12'N	2	1.31	5.73	1.34	4.4	0.0	0.79	2420.0	0.0	0.0	Cohasset
VERRILL CANYON															
300046	21	0	60 49.92'W	43 41.46'N	2	2.68	12.26	2.40	4.6	0.0	1.80	2700.0	0.0	0.0	Desmascota
300046	22	0	60 5.34'W	43 43.20'N	2	2.52	10.30	2.04	4.1	0.0	1.54	2620.0	0.0	0.0	Marworb
300046	23	0	59 34.14'W	43 50.10'N	2	2.80	10.70	2.12	3.8	0.0	1.65	2630.0	0.0	0.0	Eagle
300046	24	0	61 33.60'W	43 14.94'N	2	2.51	11.76	2.61	4.7	0.0	1.55	2400.0	0.0	0.0	Oneida
ABENAKI															
300046	25	0	59 56.76'W	43 49.62'N	2	0.93	0.95	0.15	1.0	0.0	0.29	2450.0	0.0	0.0	Interpid
300046	26	0	59 37.56'W	44 8.70'N	2	0.95	3.62	0.87	3.8	0.0	0.52	2390.0	0.0	0.0	Citnalta
300046	27	0	60 49.92'W	43 41.46'N	2	1.34	3.87	0.90	2.9	0.0	0.64	2430.0	0.0	0.0	Desmascota
300046	28	0	60 37.20'W	43 51.12'N	2	1.13	2.81	0.50	2.5	0.0	0.50	2480.0	0.0	0.0	Cohasset
MOHAWK															
300046	29	0	52 25.68'W	44 2.46'N	2	0.46	0.73	0.19	1.6	0.0	0.17	2450.0	0.0	0.0	Heron
300046	30	0	62 28.86'W	42 59.64'N	2	1.66	6.31	1.62	3.8	0.0	0.95	2470.0	0.0	0.0	Mohican
300046	31	0	62 34.02'W	43 29.76'N	2	1.55	7.24	1.07	4.7	0.0	0.92	2440.0	0.0	0.0	Naskapi
300046	32	0	61 33.60'W	43 14.94'N	2	2.22	10.84	2.25	4.9	0.0	1.51	2610.0	0.0	0.0	Oreida

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	M	U	Th	K	ZCT ERROR	HEAT FROM ($\mu\text{W}/\text{m}^2\text{s}$)	DENSITY (kg/m^3)	AGE (Ma)	N	ROCK TYPE, ETC.	
300047	1001B1	2423	100	7.60°W	54 50.90'N	2	0.50	1.57	0.34	3.1	8.8	0.27	0.0	0 ANDESITIC BASALT
300047	100309	2424	100	7.60°W	54 50.90'N	2	0.42	1.04	0.34	2.5	25.6	0.21	0.0	0 ANDESITIC BASALT
300047	100404	2426	100	7.60°W	54 50.90'N	2	0.50	1.27	0.66	2.5	11.9	0.28	0.0	0 ANDESITIC BASALT
300047	100633	2427	100	7.60°W	54 50.90'N	2	0.83	1.19	0.29	1.4	7.7	0.32	0.0	0 ANDESITIC BASALT
300047	200302	2428	100	7.60°W	54 50.90'N	2	0.62	1.37	0.21	2.2	9.6	0.28	0.0	0 ANDESITIC BASALT
300047	200406	2429	100	7.60°W	54 50.90'N	2	0.53	1.12	0.50	2.1	10.6	0.26	0.0	0 ANDESITIC BASALT
300047	200475	2430	100	7.60°W	54 50.90'N	2	0.52	1.22	1.00	2.3	11.4	0.32	0.0	0 ANDESITIC BASALT
Snow Lake														
300047	300005	2431	102	2.30°W	54 38.60'N	2	0.01	0.08	0.34	999.9	> 30.4	0.04	0.0	0 ANDORITE / ANDESITE
300047	300125	2432	102	2.30°W	54 38.60'N	2	0.02	0.03	0.39	999.9	106.0	0.04	0.0	0 ANDORITE
300047	300225	2433	102	2.30°W	54 38.60'N	2	0.00	0.00	0.19	999.9	>999.9	0.02	0.0	0 ANDORITE
300047	300325	2434	102	2.30°W	54 38.60'N	2	0.00	0.00	0.29	999.9	>200.0	0.03	0.0	0 ANDORITE/TACIT TUFF
300047	300526	2435	102	2.30°W	54 38.60'N	2	0.07	0.08	0.30	1.1	64.0	0.05	0.0	0 ANDORITE
300047	300625	2436	102	2.30°W	54 38.60'N	2	0.00	0.00	0.17	999.9	0.0	0.02	0.0	0 ANDORITE TUFF
300047	300825	2443	102	2.30°W	54 38.60'N	2	0.47	0.30	0.23	0.6	13.0	0.16	0.0	0 ANDESITE
300047	300925	2437	102	2.30°W	54 38.60'N	2	0.33	0.34	0.27	1.0	18.0	0.13	0.0	0 QUARTZ DIORITE
300047	301032	2444	102	2.30°W	54 38.60'N	2	0.42	0.63	0.66	1.5	10.0	0.22	0.0	0 QUARTZ DIO/ANDORITE TUFF
300047	301124	2445	102	2.30°W	54 38.60'N	2	0.31	0.55	0.07	1.8	23.0	0.13	0.0	0 QUARTZ DIO/ANDORITE TUFF
300047	301225	2446	102	2.30°W	54 38.60'N	2	0.21	0.30	0.18	1.4	22.0	0.09	0.0	0 QUARTZ DIO/ANDORITE TUFF
300047	301324	2438	102	2.30°W	54 38.60'N	2	0.20	0.16	0.29	0.8	31.0	0.09	0.0	0 QUARTZ DIO/ANDORITE TUFF
300047	301425	2439	102	2.30°W	54 38.60'N	2	0.32	0.49	0.19	1.5	24.0	0.13	0.0	0 QUARTZ DIO/ANDORITE TUFF
300047	301524	2440	102	2.30°W	54 38.60'N	2	0.12	0.25	0.23	2.1	32.0	0.07	0.0	0 QUARTZ DIO/ANDORITE TUFF
300047	301625	2441	102	2.30°W	54 38.60'N	2	0.11	0.23	0.77	2.1	39.0	0.12	0.0	0 QUARTZ DIO/ANDORITE TUFF
300047	301726	2447	102	2.30°W	54 38.60'N	2	0.11	0.13	0.75	1.2	21.0	0.11	0.0	0 QUARTZ DIO/ANDORITE TUFF
Flin Flin														
300047	300005	2431	102	2.30°W	54 38.60'N	2	0.01	0.08	0.34	999.9	> 30.4	0.04	0.0	0 FELDIC GNEISS
300047	300125	2432	102	2.30°W	54 38.60'N	2	0.02	0.03	0.39	999.9	106.0	0.04	0.0	0 FELDIC GNEISS
300047	300225	2433	102	2.30°W	54 38.60'N	2	0.00	0.00	0.19	999.9	>999.9	0.02	0.0	0 FELDIC GNEISS
300047	300325	2434	102	2.30°W	54 38.60'N	2	0.00	0.00	0.29	999.9	>200.0	0.03	0.0	0 FELDIC GNEISS
300047	300526	2435	102	2.30°W	54 38.60'N	2	0.07	0.08	0.30	1.1	64.0	0.05	0.0	0 FELDIC GNEISS
300047	300625	2436	102	2.30°W	54 38.60'N	2	0.00	0.00	0.17	999.9	0.0	0.02	0.0	0 FELDIC GNEISS
300047	300825	2443	102	2.30°W	54 38.60'N	2	0.47	0.30	0.23	0.6	13.0	0.16	0.0	0 FELDIC GNEISS
300047	300925	2437	102	2.30°W	54 38.60'N	2	0.33	0.34	0.27	1.0	18.0	0.13	0.0	0 FELDIC GNEISS
300047	301032	2444	102	2.30°W	54 38.60'N	2	0.42	0.63	0.66	1.5	10.0	0.22	0.0	0 FELDIC GNEISS
300047	301124	2445	102	2.30°W	54 38.60'N	2	0.31	0.55	0.07	1.8	23.0	0.13	0.0	0 FELDIC GNEISS
300047	301225	2446	102	2.30°W	54 38.60'N	2	0.21	0.30	0.18	1.4	22.0	0.09	0.0	0 FELDIC GNEISS
300047	301324	2438	102	2.30°W	54 38.60'N	2	0.20	0.16	0.29	0.8	31.0	0.09	0.0	0 FELDIC GNEISS
300047	301425	2439	102	2.30°W	54 38.60'N	2	0.32	0.49	0.19	1.5	24.0	0.13	0.0	0 FELDIC GNEISS
300047	301524	2440	102	2.30°W	54 38.60'N	2	0.12	0.25	0.23	2.1	32.0	0.07	0.0	0 FELDIC GNEISS
300047	301625	2441	102	2.30°W	54 38.60'N	2	0.11	0.23	0.77	2.1	39.0	0.12	0.0	0 FELDIC GNEISS
300047	301726	2447	102	2.30°W	54 38.60'N	2	0.11	0.13	0.75	1.2	21.0	0.11	0.0	0 FELDIC GNEISS
Snow Lake														
300047	400015	2448	99	57.90'W	54 53.60'N	2	0.35	0.44	1.88	1.3	13.0	0.30	0.0	0 FELSIC GNEISS
300047	400105	2450	99	57.90'W	54 53.60'N	2	0.56	0.69	1.16	1.2	12.0	0.30	0.0	0 FELSIC GNEISS
300047	400204	2451	99	57.90'W	54 53.60'N	2	0.40	0.43	1.62	1.1	8.5	0.29	0.0	0 FELSIC GNEISS
300047	400309	2452	99	57.90'W	54 53.60'N	2	0.40	0.47	1.17	1.2	12.0	0.25	0.0	0 FELSIC GNEISS
300047	400403	2453	99	57.90'W	54 53.60'N	2	0.53	0.70	1.51	1.3	7.2	0.33	0.0	0 FELSIC GNEISS
300047	400524	2454	99	57.90'W	54 53.60'N	2	0.24	0.29	2.15	1.2	15.0	0.29	0.0	0 FELSIC GNEISS
300047	400598	2455	99	57.90'W	54 53.60'N	2	0.35	0.50	1.14	1.4	10.0	0.23	0.0	0 FELSIC GNEISS
300047	400694	2456	99	57.90'W	54 53.60'N	2	0.26	0.48	1.14	1.8	16.0	0.21	0.0	0 FELSIC GNEISS
300047	400799	2461	99	57.90'W	54 53.60'N	2	0.38	0.62	0.74	1.6	12.0	0.21	0.0	0 FELSIC GNEISS
300047	400898	2457	99	57.90'W	54 53.60'N	2	0.49	0.62	1.67	1.3	5.0	0.33	0.0	0 FELSIC GNEISS
300047	400979	2458	99	57.90'W	54 53.60'N	2	0.36	0.41	1.91	1.1	13.0	0.30	0.0	0 FELSIC GNEISS
300047	401094	2459	99	57.90'W	54 53.60'N	2	0.37	0.49	1.37	1.3	10.0	0.26	0.0	0 FELSIC GNEISS
300047	401189	2460	99	57.90'W	54 53.60'N	2	0.34	0.43	1.27	1.3	14.0	0.24	0.0	0 FELSIC GNEISS

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT HEAT FROD.	HEAT FROD. (uW/m^3)	DENSITY (kg/m^3)	AGE (MA)	N ROCK TYPE, ETC.
	USDP	SITES												
300048	1	0	75 37.00'W	28 13.61'N	2	3.59	10.90	2.93	3.0	0.0	1.97	0.0	0.0	0
300048	2	0	75 36.76'W	28 13.73'N	2	2.39	1.68	0.37	0.7	0.0	0.77	0.0	0.0	0
300048	3	0	75 36.76'W	28 13.73'N	2	1.92	1.76	0.32	0.9	0.0	0.65	0.0	0.0	0
300048	4	0	75 37.00'W	28 13.61'N	2	2.04	4.44	1.14	2.2	0.0	0.95	0.0	0.0	0
300048	5	0	75 37.00'W	28 13.61'N	2	1.02	1.70	0.79	1.7	0.0	0.46	0.0	0.0	0
300048	6	0	75 37.00'W	28 13.61'N	2	0.43	1.03	0.25	2.4	0.0	0.21	0.0	0.0	0
300048	7	0	75 37.00'W	28 13.61'N	2	1.30	4.36	1.36	3.4	0.0	0.77	0.0	0.0	0
300048	8	0	74 19.64'W	30 49.65'N	2	2.65	9.77	1.65	3.7	0.0	1.53	0.0	0.0	0
300048	9	0	74 19.64'W	30 49.65'N	2	3.09	10.09	2.04	3.3	0.0	1.70	0.0	0.0	0
300048	10	0	74 19.64'W	30 49.65'N	2	3.63	7.46	1.59	2.1	0.0	1.61	0.0	0.0	0
300048	11	0	69 10.40'W	34 53.72'N	2	2.93	16.62	3.51	5.7	0.0	2.26	0.0	0.0	0
300048	12	0	69 10.40'W	34 53.72'N	2	1.71	12.16	2.57	7.1	0.0	1.54	0.0	0.0	0
300048	13	0	69 10.40'W	34 53.72'N	2	2.47	8.16	2.44	3.3	0.0	1.44	0.0	0.0	0
300048	14	0	69 10.40'W	34 53.72'N	2	0.87	2.05	0.46	2.4	0.0	0.41	0.0	0.0	0
300048	15	0	69 10.40'W	34 53.72'N	2	1.09	6.22	2.65	5.7	0.0	0.97	0.0	0.0	0
300048	18	0	64 14.94'W	31 11.21'N	2	2.30	7.77	1.69	3.4	0.0	1.30	0.0	0.0	0
300048	19	0	64 14.94'W	31 11.21'N	2	1.97	10.65	1.71	5.4	0.0	1.42	0.0	0.0	0
300048	20	0	64 14.94'W	31 11.21'N	2	0.94	4.46	0.81	4.7	0.0	0.63	0.0	0.0	0
300048	21	0	64 14.94'W	31 11.21'N	2	1.22	4.00	0.58	3.3	0.0	0.65	0.0	0.0	0
300048	22	0	64 14.94'W	31 11.21'N	2	1.23	7.28	1.62	5.9	0.0	0.98	0.0	0.0	0
300048	23	0	64 14.94'W	31 11.21'N	2	1.23	9.31	2.12	7.6	0.0	1.17	0.0	0.0	0
300048	25	0	59 11.70'W	32 46.40'N	2	1.83	12.78	2.93	7.0	0.0	1.65	0.0	0.0	0
300048	26	0	59 11.70'W	32 46.40'N	2	2.51	12.26	2.63	4.9	0.0	1.76	0.0	0.0	0
300048	27	0	59 11.70'W	32 46.40'N	2	1.45	10.71	2.11	7.4	0.0	1.33	0.0	0.0	0

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H (r.p.m.)	U (r.p.m.)	Th (r.p.m.)	K (%)	Th/U ERROR	ZCT HEAT FRO. ($\text{m}^3/\text{K}^\circ\text{W}$)	DENSITY (kg/m^3)	AGE (MA)	N ROCK TYPE, FTC.
Atikokan														
300049	100003	128	91 42.50'W	48 53.50'N	2	1.40	8.67	3.79	6.2	0.0	1.33	0.0	0.0	GRANODIORITE
300049	100301	129	91 42.50'W	48 53.50'N	2	3.21	17.40	3.33	5.4	0.0	2.37	0.0	0.0	GRANODIORITE
300049	100501	130	91 42.50'W	48 53.50'N	2	4.30	12.80	3.31	3.0	0.0	2.32	0.0	0.0	GRANODIORITE
300049	100710	131	91 42.50'W	48 53.50'N	2	2.88	13.90	3.63	4.8	0.0	2.07	0.0	0.0	GRANODIORITE
300049	100899	132	91 42.50'W	48 53.50'N	2	4.43	14.30	3.48	3.2	0.0	2.48	0.0	0.0	GRANODIORITE
300049	101103	133	91 42.50'W	48 53.50'N	2	2.61	14.10	3.36	5.4	0.0	1.99	0.0	0.0	GRANODIORITE
300049	100099	2483	91 42.50'W	48 53.50'N	2	2.55	13.60	3.13	5.3	2.4	1.91	0.0	0.0	GRANODIORITE
300049	203	2484	91 42.50'W	48 53.50'N	2	2.92	11.60	3.22	4.0	3.8	1.88	0.0	0.0	GRANODIORITE
300049	100401	2485	91 42.50'W	48 53.50'N	2	2.84	14.10	3.39	5.0	1.3	2.05	0.0	0.0	GRANODIORITE
300049	100605	2487	91 42.50'W	48 53.50'N	2	5.45	14.50	4.04	2.7	1.9	2.81	0.0	0.0	GRANODIORITE
300049	100806	2488	91 42.50'W	48 53.50'N	2	2.59	11.90	2.91	4.6	4.0	1.78	0.0	0.0	GRANODIORITE
300049	101002	2489	91 42.50'W	48 53.50'N	2	2.46	6.54	2.99	2.7	3.3	1.38	0.0	0.0	GRANODIORITE

A DENSITY OF 2670 kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FRO. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LATITUDE	H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT ERROR	HEAT PROD. (W/m^3)	DENSITY (Kg/m^3)	AGE (Ma)	N	ROCK TYPE, ETC.	
MEAGER NORTH CORE SAMPLES																
300050	1012BB	0	123 31.20'W	50 41.10'N	2	4.54	9.93	3.71	2.2	1.2	2.22	0.0	0.0	0.0	0	Quartz Monzonite
300050	101504	0	123 31.20'W	50 41.10'N	2	3.83	10.50	3.94	2.7	3.4	2.10	0.0	0.0	0.0	0	Quartz Monzonite
300050	101712	0	123 31.20'W	50 41.10'N	2	5.21	9.97	4.02	1.9	2.43	0.0	0.0	0.0	0.0	0	Quartz Monzonite
300050	201092	0	123 32.90'W	50 40.40'N	2	4.58	12.40	4.18	2.7	3.4	2.45	0.0	0.0	0.0	0	Quartz Monzonite
300050	201110	0	123 32.90'W	50 40.40'N	2	6.07	13.60	4.32	2.2	1.8	2.93	0.0	0.0	0.0	0	Quartz Monzonite
300050	201200	0	123 32.90'W	50 40.40'N	2	4.47	11.50	3.97	2.6	3.4	2.34	0.0	0.0	0.0	0	Quartz Monzonite
300050	300599	0	123 31.70'W	50 40.50'N	2	5.25	13.40	4.08	2.6	1.7	2.68	0.0	0.0	0.0	0	Quartz Monzonite
300050	300704	0	123 31.70'W	50 40.50'N	2	5.33	14.40	4.11	2.7	1.9	2.78	0.0	0.0	0.0	0	Quartz Monzonite
300050	201344	0	123 31.20'W	50 41.10'N	2	5.00	12.50	4.42	2.5	5.8	2.59	0.0	0.0	0.0	0	Quartz Monzonite
300050	300562	0	123 31.70'W	50 40.50'N	2	4.30	10.90	4.19	2.5	4.0	2.27	0.0	0.0	0.0	0	Quartz Monzonite

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	LONGITUDE	H (yr^{-1})	U (yr^{-1})	Th (yr^{-1})	K (yr^{-1})	Tb/U	ZCT ERROR (cm/m^{-3})	HEAT FROn. (Km/m^{-3})	DENSITY (kg/m^3)	GGE (MA)	ROCK TYPE, ETC.	
Alice Arm Sediments, B.C.																
Mine wastewater replicates																
300101	1	0	0	0.00'W	0	0.00'N	2	3.91	8.43	4.16	2.2	4.6	2.00	0.0	0.0	0
300101	2	0	0	0.00'W	0	0.00'N	2	3.54	7.26	4.95	2.1	7.2	1.90	0.0	0.0	0
300101	2001	0	129	29.60'W	55	27.30'N	2	2.75	5.22	3.05	1.9	6.7	1.37	0.0	0.0	0
300101	2002	0	129	29.60'W	55	27.30'N	2	2.61	5.26	2.65	2.0	6.8	1.30	0.0	0.0	0
300101	5001	0	129	31.00'W	55	26.70'N	2	2.68	4.98	2.79	1.9	6.9	1.31	0.0	0.0	0
300101	5002	0	129	31.00'W	55	26.70'N	2	2.79	5.30	2.98	1.9	6.9	1.38	0.0	0.0	0
300101	8001	0	129	34.35'W	55	26.90'N	2	2.56	4.90	2.49	1.9	6.2	1.24	0.0	0.0	0
300101	8002	0	129	34.35'W	55	26.90'N	2	2.78	5.47	2.56	2.0	5.9	1.35	0.0	0.0	0
300101	15001	0	129	48.60'W	55	24.60'N	2	2.20	1.52	0.79	0.7	6.7	0.75	0.0	0.0	0
300101	15002	0	129	48.60'W	55	24.60'N	2	2.44	1.16	0.83	0.5	5.7	0.79	0.0	0.0	0
300101	17001	0	129	37.80'W	55	27.00'N	2	3.00	5.75	2.37	1.9	6.1	1.40	0.0	0.0	0
300101	17002	0	129	37.80'W	55	27.00'N	2	2.84	5.48	2.37	1.9	6.5	1.34	0.0	0.0	0
Variable core depths from 10cm to 50cm heines used																
300101	5003	0	129	31.00'W	55	26.70'N	2	2.98	6.10	3.50	2.0	5.5	1.53	0.0	0.0	0
300101	7001	0	129	34.20'W	55	27.20'N	2	2.29	4.30	2.08	1.9	7.2	1.09	0.0	0.0	0
300101	13001	0	129	44.30'W	55	24.70'N	2	2.45	5.37	1.93	2.2	6.6	1.19	0.0	0.0	0
300101	15003	0	129	48.60'W	55	24.60'N	2	2.13	2.07	0.87	1.0	9.9	0.78	0.0	0.0	0
0-12.5cm at core depth used for these samples																
300101	2003	0	129	29.60'W	55	27.30'N	2	3.23	6.5A	3.97	2.0	5.0	1.67	0.0	0.0	0
300101	3004	0	129	31.00'W	55	26.70'N	2	2.09	3.97	2.15	1.9	7.2	1.02	0.0	0.0	0
300101	8003	0	129	34.35'W	55	24.90'N	2	3.26	5.95	3.10	1.8	6.2	1.55	0.0	0.0	0
300101	12001	0	129	40.70'W	55	24.70'N	2	2.58	5.41	2.01	2.1	10.7	1.24	0.0	0.0	0
300101	15004	0	129	48.60'W	55	27.60'N	2	2.21	1.94	0.67	0.9	12.2	0.77	0.0	0.0	0
300101	17003	0	129	37.80'W	55	27.00'N	2	2.71	5.04	2.56	1.9	7.1	1.30	0.0	0.0	0
Long 20' gravity core sample in 30cm sections from 0-390 respectively																
300101	121001	0	129	51.70'W	55	13.47'N	2	2.45	5.87	2.20	2.4	9.3	1.25	0.0	0.0	0
300101	121002	0	129	51.70'W	55	13.47'N	2	2.53	5.18	2.28	2.0	7.7	1.23	0.0	0.0	0
300101	121003	0	129	51.70'W	55	13.47'N	2	2.32	4.26	1.92	1.8	7.7	1.08	0.0	0.0	0
300101	121004	0	129	51.70'W	55	13.47'N	2	2.51	5.10	2.14	2.0	10.1	1.21	0.0	0.0	0
300101	121005	0	129	51.70'W	55	13.47'N	2	2.52	4.85	2.32	1.9	4.8	1.21	0.0	0.0	0
300101	121006	0	129	51.70'W	55	13.47'N	2	2.52	5.34	2.22	2.1	9.6	1.24	0.0	0.0	0
300101	121007	0	129	51.70'W	55	13.47'N	2	2.47	4.99	2.33	2.0	7.7	1.21	0.0	0.0	0
300101	121008	0	129	51.70'W	55	13.47'N	2	2.49	5.09	2.38	2.6	6.6	1.23	0.0	0.0	0
300101	121009	0	129	51.70'W	55	13.40'N	2	2.79	5.10	2.16	1.8	9.1	1.28	0.0	0.0	0
300101	121010	0	129	51.70'W	55	13.40'N	2	2.69	4.23	2.26	1.6	7.7	1.21	0.0	0.0	0
300101	121011	0	129	51.70'W	55	13.40'N	2	2.58	5.57	2.27	2.2	10.0	1.27	0.0	0.0	0
300101	121012	0	129	51.70'W	55	13.40'N	2	2.53	5.14	2.31	2.0	4.7	1.23	0.0	0.0	0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROn. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE #DEPTH	SPFCT	LOCATION	LATITUDE	M (ppm)	U (ppm)	Th (ppm)	K (ppm)	T _{1/U} ERROR (%)	ZCT ERROR (%)	HEAT FROM (0.4/m ⁻³)	DENSITY (Kg/m ⁻³)	AGE (MA)	N ROCK TYPE, ETC.
300101	121013	0	129 51.70'W	55 13.40'N	2	7.34	4.78	2.70	2.0	7.4	1.15	0.0	0.0	0
			0-40cm used in sect. 1 of core 124 to make up requisite 300g.											
	300101	124001	0	129 57.92'W	55 11.95'N	2	2.64	4.54	2.20	1.7	7.7	1.20	0.0	0
	300101	124002	0	129 57.92'W	55 11.95'N	2	2.60	5.02	2.26	1.9	10.4	1.24	0.0	0
	300101	124003	0	129 57.92'W	55 11.95'N	2	2.49	4.96	2.27	2.0	7.7	1.21	0.0	0
	300101	124004	0	129 57.92'W	55 11.95'N	2	2.49	5.22	2.23	2.1	8.0	1.22	0.0	0
	300101	116001	0	129 49.70'W	55 16.00'N	2	2.74	5.41	2.38	2.0	6.0	1.31	0.0	0
	300101	116002	0	129 49.70'W	55 16.00'N	2	2.60	5.95	2.31	2.5	6.2	1.31	0.0	0
	300101	116003	0	129 49.70'W	55 16.00'N	2	2.50	4.98	4.98	2.0	7.6	1.47	0.0	0
	300101	116004	0	129 49.70'W	55 16.00'N	2	2.76	4.98	2.36	1.8	9.8	1.29	0.0	0
			Core 114 done in 40cm sections because of change in core diameter.											
	300101	114001	0	129 46.25'W	55 30.70'N	2	4.24	8.59	3.18	2.0	5.4	2.00	0.0	0
	300101	114002	0	129 46.25'W	55 30.70'N	2	3.98	8.29	2.92	2.1	5.2	1.89	0.0	0
	300101	114003	0	129 46.25'W	55 30.70'N	2	4.40	8.59	2.93	2.0	4.8	2.02	0.0	0
	300101	114004	0	129 46.25'W	55 30.70'N	2	3.92	7.81	2.98	2.0	4.9	1.84	0.0	0
	300101	114005	0	129 46.25'W	55 30.70'N	2	4.25	7.32	2.90	1.7	8.4	1.89	0.0	0
	300101	114006	0	129 46.25'W	55 30.70'N	2	3.60	7.82	2.82	2.2	3.5	1.75	0.0	0
			Core 106001 to make up req. 300g. 30cm-530cm for rest.											
	300101	106001	0	129 37.35'W	55 27.15'N	2	3.13	6.17	2.40	2.0	8.7	1.47	0.0	0
	300101	106002	0	129 37.35'W	55 27.15'N	2	3.43	6.99	2.54	2.6	6.8	1.62	0.0	0
	300101	106003	0	129 37.35'W	55 27.15'N	2	3.11	6.11	2.29	2.0	9.1	1.45	0.0	0
	300101	106004	0	129 37.35'W	55 27.15'N	2	2.81	5.81	2.51	2.1	6.6	1.95	0.0	0
	300101	106005	0	129 37.35'W	55 27.15'N	2	2.68	5.59	2.43	1.9	6.6	1.37	0.0	0
	300101	106006	0	129 37.35'W	55 27.15'N	2	3.02	6.64	2.43	2.2	6.0	1.48	0.0	0
	300101	106007	0	129 37.35'W	55 27.15'N	2	2.79	5.88	2.47	2.1	9.9	1.37	0.0	0
	300101	106008	0	129 37.35'W	55 27.15'N	2	3.04	6.44	2.59	2.1	7.7	1.48	0.0	0
	300101	109009	0	129 37.35'W	55 27.15'N	2	2.82	6.66	2.53	2.4	6.5	1.44	0.0	0
	300101	106010	0	129 37.35'W	55 27.15'N	2	2.79	6.39	2.44	2.3	9.1	1.40	0.0	0
	300101	106011	0	129 37.35'W	55 27.15'N	2	2.52	6.09	2.60	2.4	6.9	1.33	0.0	0
	300101	106012	0	129 37.35'W	55 27.15'N	2	2.79	6.51	2.68	2.3	8.6	1.43	0.0	0
	300101	106013	0	129 37.35'W	55 27.15'N	2	2.89	5.41	2.46	1.9	7.1	1.36	0.0	0
	300101	106014	0	129 37.35'W	55 27.15'N	2	2.79	5.83	2.42	2.1	6.9	1.36	0.0	0
	300101	106015	0	129 37.35'W	55 27.15'N	2	2.80	6.08	2.46	2.2	9.1	1.38	0.0	0
	300101	106016	0	129 37.35'W	55 27.15'N	2	2.95	5.95	2.33	2.0	6.3	1.40	0.0	0
	300101	106017	0	129 37.35'W	55 27.15'N	2	2.80	5.36	2.39	1.9	6.7	1.33	0.0	0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROF. IF THE DENSITY IS UNKNOWN

SITE / SERIES	SAMPLE DEPTH	SPPCT	LOCATION	LATITUDE	H	U	Th	K	Th/U	ZCT	HEAT FROB.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(\circ PPM)	(ppm)	(ppm)	(ppm)	(%)	(%)	ERROR	(ppm^{-3})	(Kg/m^{-3})	(Ma)		
USMF SITE 534															
300102	1	0	75 22,90'W	28 20,60'N	2	3,10	1,90	0,37	0,6	0,97	0,0	0,0	0,0	0,0	0,0
300102	2	0	75 22,90'W	28 20,60'N	2	1,70	1,70	0,22	1,0	0,0	0,58	0,0	0,0	0,0	0,0
300102	3	0	75 22,90'W	28 20,60'N	2	1,90	12,40	2,44	6,5	0,0	1,60	0,0	0,0	0,0	0,0
300102	4	0	75 22,90'W	28 20,60'N	2	2,10	2,70	0,64	1,3	0,0	0,79	0,0	0,0	0,0	0,0
300102	5	0	75 22,90'W	28 20,60'N	2	2,00	6,80	1,83	3,4	0,0	1,17	0,0	0,0	0,0	0,0
300102	6	0	75 22,90'W	28 20,60'N	2	2,10	3,40	1,04	1,6	0,0	0,88	0,0	0,0	0,0	0,0
300102	7	0	75 22,90'W	28 20,60'N	2	0,90	1,70	0,38	1,9	0,0	0,39	0,0	0,0	0,0	0,0
300102	8	0	75 22,90'W	28 20,60'N	2	1,10	0,80	0,41	0,7	0,0	0,38	0,0	0,0	0,0	0,0
300102	9	0	75 22,90'W	28 20,60'N	2	0,70	2,60	0,68	3,7	0,0	0,43	0,0	0,0	0,0	0,0
300102	10	0	75 22,90'W	28 20,60'N	2	0,10	0,40	0,02	4,0	0,0	0,06	0,0	0,0	0,0	0,0
300102	11	0	75 22,90'W	28 20,60'N	2	0,60	5,30	1,34	8,8	0,0	0,66	0,0	0,0	0,0	0,0
300102	12	0	75 22,90'W	28 20,60'N	2	1,00	3,40	1,13	3,4	0,0	0,60	0,0	0,0	0,0	0,0
300102	13	0	75 22,90'W	28 20,60'N	2	0,90	3,30	1,12	3,7	0,0	0,57	0,0	0,0	0,0	0,0
300102	14	0	75 22,90'W	28 20,60'N	2	0,10	0,09	0,11	0,0	0,0	0,04	0,0	0,0	0,0	0,0
300102	15	0	75 22,90'W	28 20,60'N	2	0,05	0,10	0,03	999,9	0,0	0,02	0,0	0,0	0,0	0,0
300102	16	0	75 22,90'W	28 20,60'N	2	0,07	0,20	0,00	2,9	0,0	0,03	0,0	0,0	0,0	0,0
300102	17	0	75 22,90'W	28 20,60'N	2	0,30	1,60	0,63	5,3	0,0	0,25	0,0	0,0	0,0	0,0

A DENSITY OF 2670 Kg/m^3 WAS ASSUMED IN ORDER TO CALCULATE HEAT FROB. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	M	U	Th	K	Tu/U	ZCT	HEAT FROB.	DENSITY	AGE	N	ROCK TYPE, ETC.
			LATITUDE (\circ N)	(\circ E)	(\circ N)	(\circ E)	(\circ N)	(\circ E)	ERROR	(μ W/m $^{-3}$)	(kg/m $^{-3}$)	(Ma)		
Meadier Mtn Production well, Pemberton, B.C.														
300103	MC-1	core 1	0	123 30.43' W	50 33.95' N	2	2.81	3.09	3.19	1.8	4.0	1.39	0.0	0.0 0
300103	MC-1	core 2	0	123 30.43' W	50 33.95' N	2	1.74	4.13	2.31	2.4	8.0	0.96	0.0	0.0 0
	MC-3	core 5												

A DENSITY OF 2670 kg/m $^{-3}$ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROB. IF THE DENSITY IS UNKNOWN

SITE/ SAMPLE SPECT LONGITUDE LOCATION LATITUDE H U Th K Th/H ZCT HEAT PROD. DENSITY AGE H ROCK TYPE, ETC.
SERIES /DEPTH

TYEE WELL, QUEEN CHARLOTTE BASIN

Depths, in ft., are the start of each interval; going to 11350 ft. max.

				H (PPM)	U (PPM)	Th (PPM)	K (%)	Th/H ERROR	ZCT ERROR	HEAT PROD. (MW/m ³)	DENSITY (KG/m ³)	AGE (KA)	H ROCK TYPE, ETC.	
300104	705	2752	131 20.40'W	5.4	18.90'N	2	1.01	2.07	1.59	2.0	5.0	0.45	2150.0	0.0 SED
300104	1264	2753	131 20.40'W	5.3	18.90'N	2	0.73	1.56	1.80	2.1	5.6	0.38	2150.0	0.0 SED
300104	1833	2754	131 20.40'W	5.3	18.90'N	2	0.91	2.16	1.65	2.4	10.0	0.44	2160.0	0.0 SED
300104	2363	2755	131 20.40'W	5.3	18.90'N	2	2.47	5.32	1.58	2.2	3.1	0.93	2150.0	0.0 SED
300104	2710	2756	131 20.40'W	5.3	18.90'N	2	2.52	5.54	1.73	2.2	4.4	0.95	2110.0	0.0 SED
300104	2890	2757	131 20.40'W	5.3	18.90'N	2	2.19	4.42	1.56	2.0	3.4	0.83	2160.0	0.0 SED
300104	3141	2758	131 20.40'W	5.3	18.90'N	2	1.90	4.08	1.67	2.1	5.3	0.78	2230.0	0.0 SED
300104	3799	2759	131 20.40'W	5.3	18.90'N	2	1.66	4.13	1.83	2.5	3.7	0.74	2210.0	0.0 SED
300104	4607	2760	131 20.40'W	5.3	18.90'N	2	1.53	4.21	1.57	2.8	3.2	0.70	2210.0	0.0 SED
300104	5020	2761	131 20.40'W	5.3	18.90'N	2	1.36	4.07	1.38	3.0	5.4	0.64	2240.0	0.0 SED
300104	5400	2762	131 20.40'W	5.3	18.90'N	2	1.33	3.62	1.59	2.7	5.4	0.63	2260.0	0.0 SED
300104	6060	2763	131 20.40'W	5.3	18.90'N	2	1.52	4.28	1.63	2.8	5.7	0.73	2300.0	0.0 SED
300104	6580	2764	131 20.40'W	5.3	18.90'N	2	1.55	4.13	1.53	2.7	3.7	0.74	2370.0	0.0 SED
300104	6780	2765	131 20.40'W	5.3	18.90'N	2	2.05	3.70	1.47	1.8	5.7	0.83	2400.0	0.0 SED
300104	6990	2766	131 20.40'W	5.3	18.90'N	2	2.35	4.46	1.45	1.9	3.3	0.95	2400.0	0.0 SED
300104	7170	2767	131 20.40'W	5.3	18.90'N	2	2.30	4.22	1.48	1.8	4.7	0.93	2420.0	0.0 SED
300104	7360	2768	131 20.40'W	5.3	18.90'N	2	2.48	4.79	1.42	1.9	2.7	1.00	2410.0	0.0 SED
300104	7540	2769	131 20.40'W	5.3	18.90'N	2	2.33	5.03	1.57	2.2	1.8	1.01	2450.0	0.0 SED
300104	7720	2772	131 20.40'W	5.3	18.90'N	2	2.36	5.16	1.46	2.2	2.7	1.01	2430.0	0.0 SED
300104	7930	2773	131 20.40'W	5.3	18.90'N	2	2.40	5.12	1.55	2.1	5.6	1.02	2420.0	0.0 SED
300104	8110	2774	131 20.40'W	5.3	18.90'N	2	2.54	5.27	1.54	2.1	3.1	1.06	2410.0	0.0 SED
300104	8290	2775	131 20.40'W	5.3	18.90'N	2	2.72	5.22	1.50	1.9	3.0	1.11	2440.0	0.0 SED
300104	8500	2776	131 20.40'W	5.3	18.90'N	2	2.38	4.95	1.43	2.1	4.4	1.00	2440.0	0.0 SED
300104	8730	2777	131 20.40'W	5.3	18.90'N	2	2.71	4.99	1.42	1.8	3.0	1.08	2440.0	0.0 SED
300104	8940	2778	131 20.40'W	5.3	18.90'N	2	3.10	4.09	1.37	1.3	4.6	1.11	2440.0	0.0 SED
300104	9140	2779	131 20.40'W	5.3	18.90'N	2	3.10	4.77	1.31	1.5	2.5	1.16	2470.0	0.0 SED
300104	9370	2780	131 20.40'W	5.3	18.90'N	2	2.90	5.22	1.61	1.8	2.5	1.20	2530.0	0.0 SED
300104	9550	2781	131 20.40'W	5.3	18.90'N	2	2.68	5.29	1.53	2.0	2.6	1.16	2570.0	0.0 SED
300104	9910	2782	131 20.40'W	5.3	18.90'N	2	2.91	5.60	1.63	1.9	4.8	1.26	2600.0	0.0 SED
300104	10120	2783	131 20.40'W	5.3	18.90'N	2	2.85	6.17	1.72	2.2	2.9	1.29	2580.0	0.0 SED
300104	10380	2784	131 20.40'W	5.3	18.90'N	2	3.05	6.44	1.78	2.1	3.7	1.34	2550.0	0.0 SED
300104	10610	2785	131 20.40'W	5.3	18.90'N	2	2.95	6.00	1.81	2.0	2.9	1.31	2580.0	0.0 SED
300104	10840	2786	131 20.40'W	5.3	18.90'N	2	2.88	6.28	1.86	4.3	1.34	2620.0	0.0 SED	
300104	11030	2787	131 20.40'W	5.3	18.90'N	2	1.80	3.97	1.20	2.2	3.7	0.64	2630.0	0.0 SED
300104	11220	2788	131 20.40'W	5.3	18.90'N	2	0.98	2.07	0.65	2.1	5.6	0.48	2800.0	0.0 SED

A DENSITY OF 2670 KG/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	M	U	Th	K	Th/U	ZUT	HEAT FROD.	DENSITY	AGE	N	ROCK TYPE, ETC.
				(°N)	(ppm)	(ppm)	(ppm)	(%)		ERROR	(mw/m ⁻³)	(Kg/m ⁻³)	(Ma)		
Sandstone Lake Granite, Nova Scotia															
300105	1	0	61 24.73'W	45 14.14'N	2	5.17	10.50	4.97	2.0	3.0	2.54	0.0	0.0	0.0	0.0
300105	2	0	61 28.79'W	45 14.65'N	2	4.58	8.97	4.23	2.0	2.0	2.21	0.0	0.0	0.0	0.0
300105	3	0	61 29.02'W	45 13.48'N	2	10.90	4.89	3.89	6.4	2.6	3.52	0.0	0.0	0.0	0.0
300105	4	0	61 29.53'W	45 15.90'N	2	13.60	3.16	3.61	0.2	1.0	4.07	0.0	0.0	0.0	0.0
300105	5	0	61 30.67'W	45 13.39'N	2	11.60	3.44	3.63	6.3	1.0	3.57	0.0	0.0	0.0	0.0
300105	6	0	61 28.71'W	45 12.76'N	2	6.42	10.80	3.60	1.7	3.0	2.76	0.0	0.0	0.0	0.0
300105	7	0	61 25.82'W	45 12.12'N	2	7.39	8.31	3.63	1.1	2.0	2.63	0.0	0.0	0.0	0.0
300105	8	0	61 25.79'W	45 11.48'N	2	5.44	12.90	3.95	2.4	3.0	2.69	0.0	0.0	0.0	0.0
300105	9	0	61 24.95'W	45 13.34'N	2	7.24	6.50	4.08	6.9	2.0	2.71	0.0	0.0	0.0	0.0
300105	10	0	61 24.73'W	45 14.91'N	2	5.70	6.52	4.09	1.1	2.0	2.32	0.0	0.0	0.0	0.0
300105	11	0	61 26.79'W	45 15.61'N	2	4.68	6.82	4.49	1.5	2.0	2.11	0.0	0.0	0.0	0.0
300105	12	0	61 30.01'W	45 15.91'N	2	10.20	4.45	3.62	0.4	2.2	3.28	0.0	0.0	0.0	0.0
300105	13	0	61 30.51'W	45 16.00'N	2	10.70	4.24	3.66	0.4	2.4	3.40	0.0	0.0	0.0	0.0
300105	14	0	61 30.93'W	45 16.12'N	2	9.82	4.12	3.77	0.4	1.7	3.18	0.0	0.0	0.0	0.0
300105	15	0	61 31.48'W	45 16.17'N	2	9.26	3.85	3.61	0.4	2.4	3.00	0.0	0.0	0.0	0.0
300105	16	0	61 31.93'W	45 15.83'N	2	6.88	3.98	3.99	0.6	1.9	2.43	0.0	0.0	0.0	0.0
300105	17	0	61 32.36'W	45 16.18'N	2	7.29	3.83	3.46	0.5	3.0	2.48	0.0	0.0	0.0	0.0
300105	18	0	61 32.89'W	45 15.57'N	2	7.35	5.06	3.75	0.7	1.9	2.61	0.0	0.0	0.0	0.0
300105	19	0	61 32.45'W	45 15.37'N	2	9.05	5.34	3.81	0.6	1.4	3.07	0.0	0.0	0.0	0.0
300105	20	0	61 32.17'W	45 15.09'N	2	10.70	4.87	3.92	0.5	2.7	3.47	0.0	0.0	0.0	0.0
300105	21	0	61 32.00'W	45 14.71'N	2	6.40	3.48	3.47	0.5	3.0	2.22	0.0	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE #	SPECT DEPTH	LOCATION LONGITUDE	LOCATION LATITUDE	M (PPM)	U (PPM)	Th (PPM)	K (%)	Th/U ERROR	ZCT ERROR	HEAT PROD. (MW/m ³)	DENSITY (Kg/m ³)	AGE (Ma)	ROCK TYPE, ETC.
<i>Wesdorff Granite, Nova Scotia</i>														
300106	1	0	66° 4.43' W	43° 42.16' N	2	8.69	29.70	4.61	3.4	1.4	4.77	0.0	0.0	0.0
300106	2	0	66° 4.31' W	43° 41.90' N	2	3.96	26.00	4.14	6.6	1.7	3.25	0.0	0.0	0.0
300106	3	0	66° 4.26' W	43° 41.79' N	2	5.63	34.00	4.34	6.0	2.3	4.26	0.0	0.0	0.0
300106	4	0	66° 4.08' W	43° 41.65' N	2	5.09	24.70	4.39	4.9	1.7	3.47	0.0	0.0	0.0
300106	5	0	66° 3.87' W	43° 41.63' N	2	4.44	26.40	4.03	5.9	2.4	3.39	0.0	0.0	0.0
300106	6	0	66° 0.86' W	43° 41.64' N	2	5.99	23.50	3.86	3.9	1.6	3.56	0.0	0.0	0.0
300106	7	0	66° 0.29' W	43° 41.03' N	2	12.40	36.50	4.15	2.9	1.8	6.16	0.0	0.0	0.0
300106	8	0	65° 58.80' W	43° 44.99' N	2	10.10	36.30	4.10	3.6	1.1	5.55	0.0	0.0	0.0
300106	9	0	65° 59.38' W	43° 45.51' N	2	5.01	27.80	4.13	5.5	2.5	3.64	0.0	0.0	0.0

A DENSITY OF 2670 Kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT PROD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	EFFECT	LOCATION LONGITUDE LATITUDE	H (ppm)	U (ppm)	Th (ppm)	K (%)	Th/U TH/0	ZCT ERROR	HEAT FROP. (J/m ³)	DENSITY (kg/m ³)	AGE (Ma)	N ROCK TYPE, ETC.				
B. C. AGE DATED SAMPLES FROM R. PARRISH (ARMSTRONG, UBC)																	
300108	1	BBC-1	2730	0	0.00/E	0	0.00/N	2	1.12	7.63	2.63	6.8	3.4	1.68	0.0	0.0	0.0
300108	2	BBC-2	2731	126	23.25'W	52	26.33'N	2	3.73	5.55	2.48	1.7	3.9	1.46	0.0	0.0	1. Qtz Biorite-Granite
		BBC-8E															
300108	3	BBC-9	2732	126	0.75'W	52	21.50'N	2	1.49	3.78	1.83	2.5	3.8	0.82	0.0	0.0	1
300108	4	BBC-11S	2733	126	48.00'W	52	22.90'N	2	2.14	4.50	1.74	2.1	2.9	1.03	0.0	1.13	0
300108	5	BBC-12G	2734	126	33.50'W	52	23.00'N	2	1.82	5.78	3.48	3.2	4.4	1.21	0.0	0.0	1. MUSC-K QTZ HORIZONT
300108	6	BBC-14	2735	127	14.10'W	52	22.20'N	2	0.76	1.37	2.70	1.8	5.0	0.55	0.0	0.0	54.0
300108	7	BBC-19	2736	127	33.30'W	52	17.80'N	2	1.75	3.68	1.49	2.1	5.1	0.85	0.0	0.0	0
300108	8	BBC-22	2737	127	45.00'W	52	14.75'N	2	1.19	5.21	2.93	4.4	3.6	0.95	0.0	0.0	1
300108	9	BBC-24	2738	127	58.60'W	52	10.50'N	2	2.16	5.51	2.20	2.6	4.5	1.15	0.0	0.0	77.0
300108	10	BBC-28	2739	127	42.20'W	52	21.20'N	2	0.65	1.10	1.53	1.7	6.2	0.39	0.0	0.0	92.0
300108	11	BBC-29	2740	127	40.30'W	52	16.00'N	2	1.40	3.76	1.30	2.7	5.7	0.75	0.0	0.0	1

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROP. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE DEPTH	SPECT	LOCATION	LATITUDE	H	U	Th	K	Th/U	ZCT	HEAT FWD.	DENSITY	AGE	H	ROCK TYPE, ETC.
				(°N)	(ppm)	(ppm)	(ppm)	(%)		ERROR	(W/m ⁻³)	(kg/m ⁻³)	(ka)		
Surface samples from Anahim boreholes															
300110	27	2793	121	8.96'W	51	49.22'N	2	1.19	3.61	2.65	3.0	3.4	0.81	0.0	0
300110	29	2794	121	10.00'W	51	58.38'H	2	1.13	3.13	3.69	2.8	5.0	0.86	0.0	0
300110	30	2795	121	9.83'W	51	57.49'N	2	1.46	5.70	3.03	3.9	3.4	1.07	0.0	0
300110	32	2796	121	8.91'W	51	50.00'N	2	2.73	4.69	2.71	1.7	4.3	1.29	0.0	0
300110	33	2797	121	8.30'W	51	49.32'N	2	1.42	3.68	2.94	2.6	3.4	0.91	0.0	0
300110	34	2798	120	56.61'W	51	59.73'N	2	1.37	3.27	2.36	2.4	6.7	0.81	0.0	0
300110	35	2799	120	57.78'W	51	59.89'N	2	1.24	3.05	2.51	2.5	2.3	0.77	0.0	0
300110	36	2800	120	56.87'W	51	59.76'N	2	1.26	3.13	2.51	2.5	7.8	0.78	0.0	0
300110	37	2801	120	48.26'W	51	58.81'N	2	1.86	3.39	1.69	1.8	3.7	0.88	0.0	0
300110	38	2802	120	49.57'W	52	0.49'H	2	2.32	3.95	2.10	1.7	4.5	1.08	0.0	0
300110	39	2803	120	48.75'W	52	0.02'N	2	1.28	2.24	1.68	1.8	4.7	0.65	0.0	0

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FWD. IF THE DENSITY IS UNKNOWN

SITE/ SERIES	SAMPLE /DEPTH	SPECT	LOCATION	LONGITUDE	LATITUDE	H (r _{FM})	W (r _{FM})	Th (r _{FM})	K (%)	Ti/B	ZET ERROR	HEAT FROD. (W/m ⁻³)	DENSITY (kg/m ⁻³)	RGE H (Hz)	ROCK TYPE, ETC.	
Northern Yukon Batholiths																
300114	H 997	1	2833	138	0.00'W	68 25.50'N	4	7.94	42.50	3.95	5.4	1.3	5.41	0.0	0.0	Fittern Batholith
300114	HHP 72-114	2	2834	139	48.00'W	117A 47.50'N	4	5.09	located as 54.70	1.99-NC	1.0	1.8	5.58	0.0	0.0	Old Crow Batholith
300114	HHP 72-122	3	2835	139	42.80'W	67 1.16N	4	18.80	54.00	2.57	2.9	1.1	6.88	0.0	0.0	Shaver Batholith
300114	HHP 72-138	4	2836	140	36.40'W	67 32.80'N	4	5.09	25.70	5.06	5.0	2.9	3.60	0.0	0.0	Old Crow Batholith
300114	JF 83	5	2837	140	50.00'W	67 42.50'N	4	6.43	19.80	4.06	3.1	1.7	3.44	0.0	265.6	0
300114	6	2838	139	2.00'W	68 51.00'N	4	25.90	41.60	5.63	1.6	1.2	16.13	0.0	0.0	Old Crow Batholith	
300114	64 TI	7	2839	139	4.00'W	117A 51.70'N	4	28.30	40.40	4.67	1.4	1.3	10.57	0.0	341.0	0
300114	552 NC	8	2840	140	51.50'W	67 43.50'N	4	7.28	43.70	4.56	6.0	0.7	5.39	0.0	0.0	Old Crow Batholith
300114	889 NC	9	2841	139	15.00'W	67 36.00'N	4	7.78	75.20	10.78	9.7	1.5	8.33	0.0	370.0	0
	998 NC															Have Lord Intrusio

A DENSITY OF 2670 kg/m³ WAS ASSUMED IN ORDER TO CALCULATE HEAT FROD. IF THE DENSITY IS UNKNOWN