Geological Survey of Canada

Open File 1622

Canadian Crustal Stress Data - A Compilation to 1987

by

John Adams

1987

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ABSTRACT

Stress data for Canada and adjacent areas have been compiled into a computer database. The data format is described, maps plotted, and a complete listing included of the 1175 entries current to 30 June 1987. The data strongly suggest that the whole of Canada east of the Cordillera is being compressed from the east northeast quadrant.

RÉSUMÉ

Les données de contrainte pour le Canada et régions environnantes ont été rassemblées dans une banque de données informatique. Le format de ces données y est décrit, les cartes y sont tracées et une liste incluant 1175 entrées jusqu'au 30 juin 1987 y sont jointes.

Les donnés suggèrent fortement que le Canada à l'est de la Cordillère est sous l'effect d'un système compressif orienté à partir d'un quadrant est-nord-est.

INTRODUCTION

This open file contains data on crustal stress determinations made in Canada and adjacent areas. The data have been entered into GSC's Canadian Stress Database. The database was started in January 1985 to provide a comprehensive collection of stress measurements for the area of concern to Canada. An earlier version of this report was compiled by Adams (1985). It was complete to December 1985 and contained 822 entries. Since that compilation about 300 data entries have been added, revisions and additions have been made to some of the earlier entries, and the maps and print format have been improved. An earlier compilation of relevance to eastern Canada was produced by Hasegawa and Adams (1981).

The database forms part of Canada's contribution to the Geological Society of America's "Decade of North American Geology" Stress Map of North America. The stress map project, which is headed by Mark Zoback (Stanford University), will include data from the United States, Central America, the Caribbean, and northernmost South America as well as offshore areas (Zoback et al., 1984). Because the DNAG map will not be published until 1988, the present open file will serve to disseminate the data compiled to date, and may prompt additions and revisions that can be incorporated into the final product.

Since the earlier compilation was published, a proposal by the International Lithosphere Program to compile a World Stress Map has been accepted, and the project (headed by Mary-Lou Zoback, U.S. Geological Survey) will hold its first working meeting at the International Union of Geodesy and Geophysics Meeting at Vancouver in August 1987. Much of the same data used in the DNAG stress map will be used in the World Stress Map.

The Canadian database is intended to be more complete than is required by the DNAG or World Stress Map compilations. For example, I have deliberately

included entries for individual overcoring measurements made in the same hole, early attempts at focal mechanisms, and data that may pertain to earlier (non-contemporary) stress fields, even though these data may seem of slight value. In every case I hope I have anticipated future diverse needs for the data by identifying specific fields in the computer database that can be used to identify, extract, or ignore such data.

CURRENT STATE OF THE DATABASE AND FUTURE PLANS

The database contained 1175 entries as of 30 June 1987 up to and including entries with version number 6. Five maps (Figures 1 to 5) show selections from the data, and a full listing of the database, ordered by increasing longitude from east to west, is provided at the end of the report. The first entry shows the layout of the fields which are described in greater detail in the next section of the report.

The data presented on Figure 1 for the whole database and on the regional maps (Figs. 2 and 3) support the now widely-accepted suggestion by Gough, Bell and others that the whole of Canada east of the Cordillera is being compressed along the northeast-southwest azimuth. At the scale of the maps the chief significant deviation from NE or ENE compression is a region of north-south compression lying along the Cascade volcanoes of Washington and extending north into British Columbia. This zone is believed to mark the edge of the locked part of the subducting Juan de Fuca plate (e.g. Weaver and Smith, 1983). As yet, too little data are available in central and eastern British Columbia to define where the north-south field changes into the northeast directed field.

A major improvement over the last compilation is that the quality of data in the data base is represented on the maps by arrows of appropriate length. This allows all data to be plotted (important in areas of limited data) but avoids biassing the regional picture by the poorer data. Some of the poorer

data is shown in Figure 4 which shows a selection of the data judged least reliable; no simple pattern is evident. Figure 5 shows stress orientations from geological features that formed in prehistoric times and that therefore were excluded from the above maps of contemporary stresses. Not all of these measurements need represent the contemporary stress field.

An addition to the earlier compilation is the thematic maps of Canada which represent the chief types of data used in the compilation: earthquake focal mechanisms, for depths 1-30 km (Fig. 6); oil well breakouts, 1-5 km (Fig. 7); hydraulic fracturing, 0-5 km (Fig. 8); surface overcoring for engineering works, 0-200 m (Fig. 9) and miscellaneous geological phenomena (Fig. 10).

There is some information in the database on stress magnitudes but the spatial and depth extent of the measurements is small. A significant body of data on stress magnitudes in oil wells is being analysed by Dr. J.S. Bell of the Institute of Sedimentary and Petroleum Geology, GSC, Calgary and should be available shortly.

An open-file listing of a computer database is an ephemeral product, intended only to disseminate its information widely and rapidly. At present I consider that about 80% of the relevant data has been compiled. It is intended that data compilation will continue through 1987, and thence at a lower level of activity to keep the database current. Therefore users of this report should be aware that significant additions and revisions to the data may occur in 1987.

I would appreciate those using the open file advising me of any errors or additional data that have escaped my attention. A sample data entry sheet is included as Figure 11.

TECHNICAL ASPECTS OF THE DATABASE

Data Format

The stress database was designed and implemented using Digital Equipment Corporation VAX system DATATRIEVE. Each stress record in the database consists of 41 fields, including 10 group fields (underlined below). In the following tabulation, text in parentheses indicates the size and type of the field (in FORTRAN notation). The table also includes a description of the data in the field, and notes on its application.

FIELD	DESCRIPTION
SEQ (I4)	- the sequence number of each record in the database.
SITE	- group field containing site co-ordinates, depth, and identification codes.
LAT (F8.3)	- latitude in degrees north.
LON (F8.3)	- longitude in degrees: this field is always of negative sign, indicating degrees west of Greenwich.
DEPTH (F8.4)	- depth of measurement in km.
N (A1)	- nature of the measurement, either 'A' (an average of several entries in the database), O (an only entry), S (subsidiary entries to an average), or P (preliminary result, now superceded).
QL (A1)	- quality of the record, i.e., A, B, C, D or E; in order of decreasing quality.
PLACE	- group field containing location of site.
LOCALITY (A20)	- locality of measurement: the nearest city, town, or country.
PROV (A2)	- province or state (standard two letter mail code). This field may also equal 'OF', an offshore measurement.
TYPE	group field.
C1 (A2)	- type of stress measurement: either FM (focal mechanism), IS (in-situ), or GL (geological).

C2 (A2) - further information on measurement type.

If C1 equals FM, C2 may be:

i) C (composite focal mechanism)
ii) S (single focal mechanism)
iii) A (average mechanism)
iv) M (moment tensor solution)
v) R (p-polarity and amplitude/ratio data)

- If C1 equals IS, C2 may be:

i) HF (hydrofracture)
ii) OC (overcore)
iii) BO (oil well breakout)
iv) PC (petal-centerline fracture)
v) SS (shear wave splitting)
vi) GS (geodetic strain)
vii) PT (permeability trend)

- If C1 equals GL, C2 may be:

i) TF (thrust fault)
ii) FD (fold)
iii) BU (buckle)
iv) SQ (squeeze)
v) PU (pop-up)
vi) VA (volcanic alignment)
vii) OB (offset borehole)
viii) JS (slip on joint sets)

C3 (A2) - further information on measurement type.

- If C1 equals FM: C3 will be M*, where * is the magnitude rounded to nearest integer i.e., M4, M0, M7, etc.

- If C1 equals IS: C3 is blank.

- If C1 equals GL: C3 is CT, contemporary, or PG, postglacial, or UK, unknown, all estimates of the age of the stress field.

<u>VALUES1</u> - group field.

P (A6) - maximum horizontal stress in MPa.
Q (A6) - minimum horizontal stress in MPa.
V (A6) - vertical stress in MPa.
AZP (I3) - azimuth of P, the compressional axis. If negative, azimuth of tension or of deviatoric extension.

<u>VALUES2</u> - group field.

SM (A1) - sample size for measurement, either S (small), M (medium), L (large), or E (extra-large).

FIELD	DESCRIPTION
REGM (A4)	- stress regime, either T (thrust), SS (strike-slip), N (normal), or a combination. If REGM undetermined, this field is a dash (-).
ORGANIZATION	- group field.
ORGZTN (A6)	- the organization (EPB, MIT, etc.) making the measurement.
YR (I2)	- date of reference's publication or year of event, whichever is first.
REFERENCES	- group field.
REFERENCE (A120)	- beginning of complete reference.
REFER (A120)	- conclusion of complete reference.
COMMENTS	- group field.
COMMENT (A90)	- comments pertaining to record. If a focal mechanism (C1 = FM), full date of event is listed (YYMMDD) together with magnitude.
EXTRAS	- group field.
PL (A3)	- plunge of AZP.
NA (A2)	- nationality: CN (Canada), US (United States), GN (Greenland), or SU (Soviet Union).
SD (A2)	- standard deviation of mean of AZPs.
VR (A2)	- modification version number.
TAX (A3)	- azimuth of T, the tensional axis. This value may be expressed in the range of 0 to 360 degrees.
PT (A2)	- plunge of azimuth of T, if given.
PAX (A3)	- azimuth of P, the compressional axis
BAX (A3)	- azimuth of B, the null axis
PB (A2)	- plunge of B
	(Note PAX, BAX, TAX, PL, PB, PT are all given for a lower hemisphere projection).

Maps and Mapping Procedures

In Figures 1-10, selections from the stress database are plotted using a mapping routine developed on the Geophysics Division VAX. Each map is a standard Lambert projection with the azimuth of maximum horizontal compression

indicated by inward pointing arrows of length proportional to quality. For entries indicating deviatoric extension (mostly normal faulting earthquake mechanisms), arrows point outwards to represent the extension axis (smallest horizontal compression).

Statistical Parameters

Where averages of several directions of maximum horizontal compression have been calculated, I have used the circular statistics of Mardia (1972) as applied to directional data distributed between 0 and 180 degrees. In the earlier compilation (Adams, 1985) an apparent discrepancy between one of Mardia's examples and his equations was noted. The problem has since been resolved and the standard deviations are now calculated correctly. Values for the standard deviation given in Adams (1985) are also correct.

ACKNOWLEDGEMENTS

The stress database was implemented by a COOP student, Kurt Kennedy and COOP students Kennedy, Collin, Spark, Stagg, Sharp and Vatcher subsequently prepared and entered the data under my supervision. Any errors remain my responsibility.

Funding for the student help was provided by the office of Energy Research and Development of Energy, Mines and Resources Canada as part of the Geological Survey's research into seismic hazards to conventional energy systems.

Henry Hasegawa started my interest in crustal stresses. Chin Wong provided assistance with DATATRIEVE, and Bob North and Frank Anglin provided the mapping routines. My thanks go also to the many scientists who have provided their data in advance of publication.

REFERENCES

Adams, J., 1985. Canadian crustal stress data - a compilation to 1987. Earth Physics Branch Open File 85-31, 77 pp.

Hasegawa, H.S. and Adams, J., 1981. Crustal stresses and seismotectonics in eastern Canada. Earth Physics Branch Open File 81-12, 80 pp.

Mardia, K.V., 1972. Statistics of directional data. Academic Press, London, 357 pp.

Weaver, C.S., and Smith, S.W., 1983. Regional tectonic and earthquake hazard implications of a crustal fault zone in Southwestern Washington. Journal of Geophysical Research, v. 88, p. 10371-10383.

Zoback, M.L., Zoback, M.D. and Schiltz, M.E., 1984. Index of stress data for the North American and parts of the Pacific plate. U.S. Geological Survey Open File Report 84-157, 62 pp.

FIGURE CAPTIONS

Figure 1 A stress map of Canada. Data on this and the subsequent maps are represented by arrows depicting direction of maximum horizontal compression (outward pointing arrows represent minimum horizontal compression or deviatoric extension). This map and figures 2 and 3 show only a selection of the more reliable data in the database. Data parameters plotted are N: O or A; C3: not PG or UK.

Figure 2 Detail of eastern part of Figure 1.

Figure 3 Detail of western part of Figure 1.

Figure 4 Map of less reliable stress data. Data parameters plotted are QL: D or E; N: not A; C3: not PG or UK.

Figure 5 Map of stress orientations for geological features that may predate the contemporary stress field. Data parameters plotted are C3: PG or UK.

Figure 6 Map of compression direction inferred from earthquake focal mechanism P-axes.

Figure 7 Map of compression direction inferred from oilwell breakouts.

Figure 8 Map of compression direction inferred from hydraulic fracturing.

Figure 9 Map of compression direction inferred from surface overcoring at depths of less than 200 m.

Figure 10 Map of contemporary compression direction inferred from miscellaneous geological phenomena.

Figure 11 Sample data entry sheet. Items are those described in the data format section.

Figure 1 - A stress map of Canada. Data on this and the subsequent maps are represented by arrows depicting direction of maximum horizontal compression (outward pointing arrows represent minimum horizontal compression or deviatoric extension). This map and figures 2 and 3 show only a selection of the more reliable data in the database. Data parameters plotted are N: 0 or A; C3: not PG or UK.

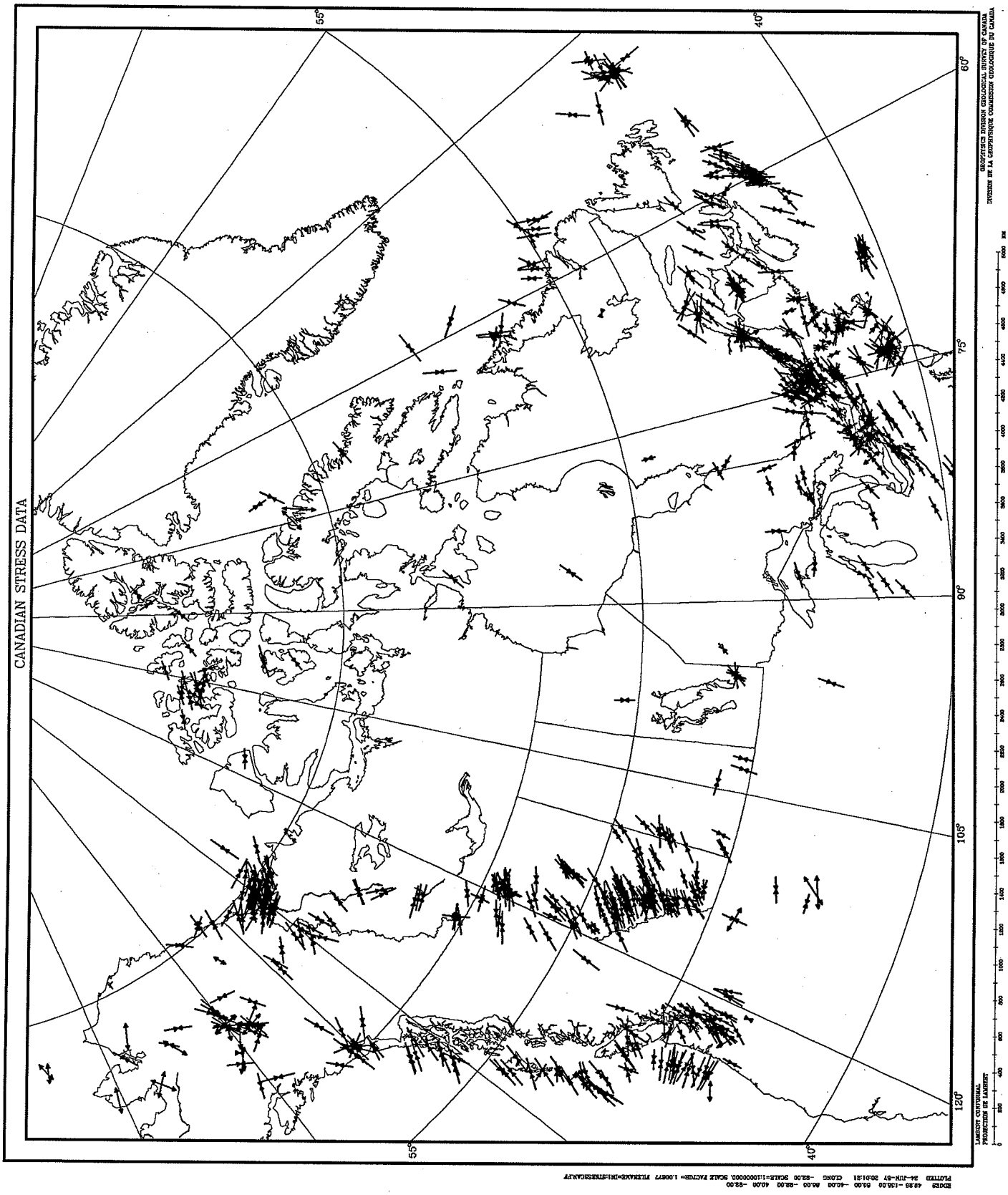

Figure 2: Detail of eastern part of Figure 1.

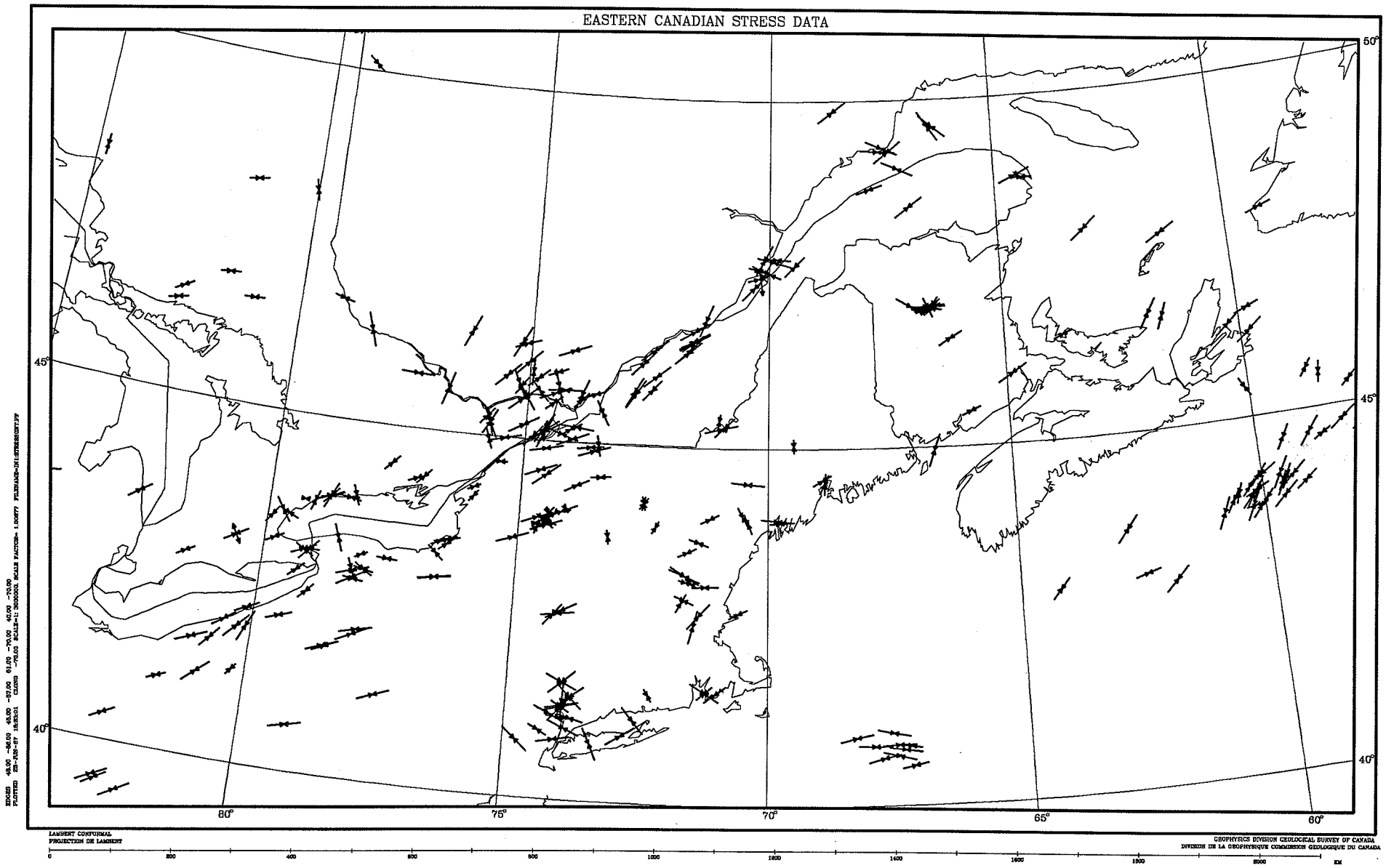

Figure 3: Detail of western part of Figure 1.

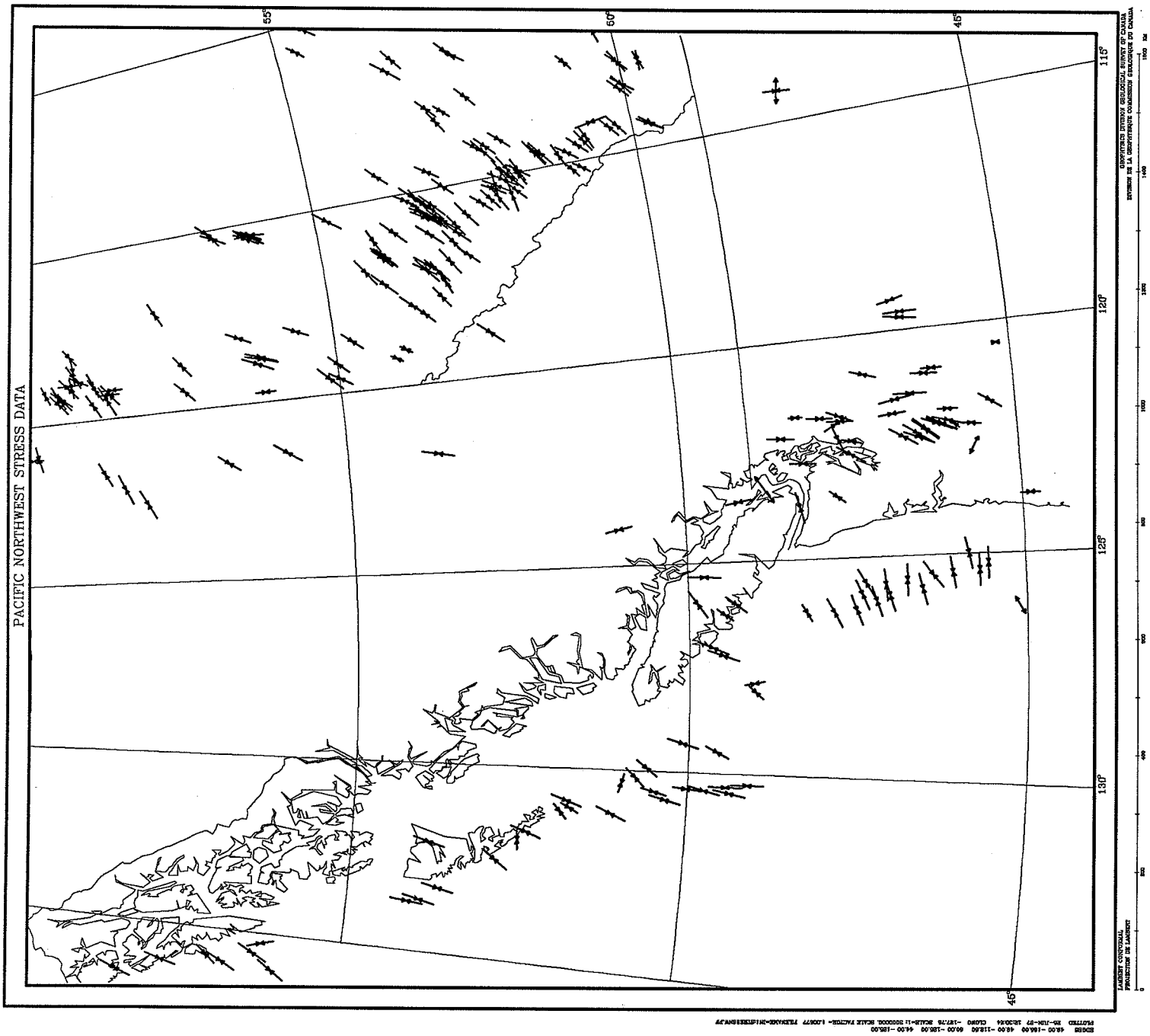

Figure 4: Map of less reliable stress data. Data parameters plotted are QL: D or E; N: not A; C3: not PG or UK.

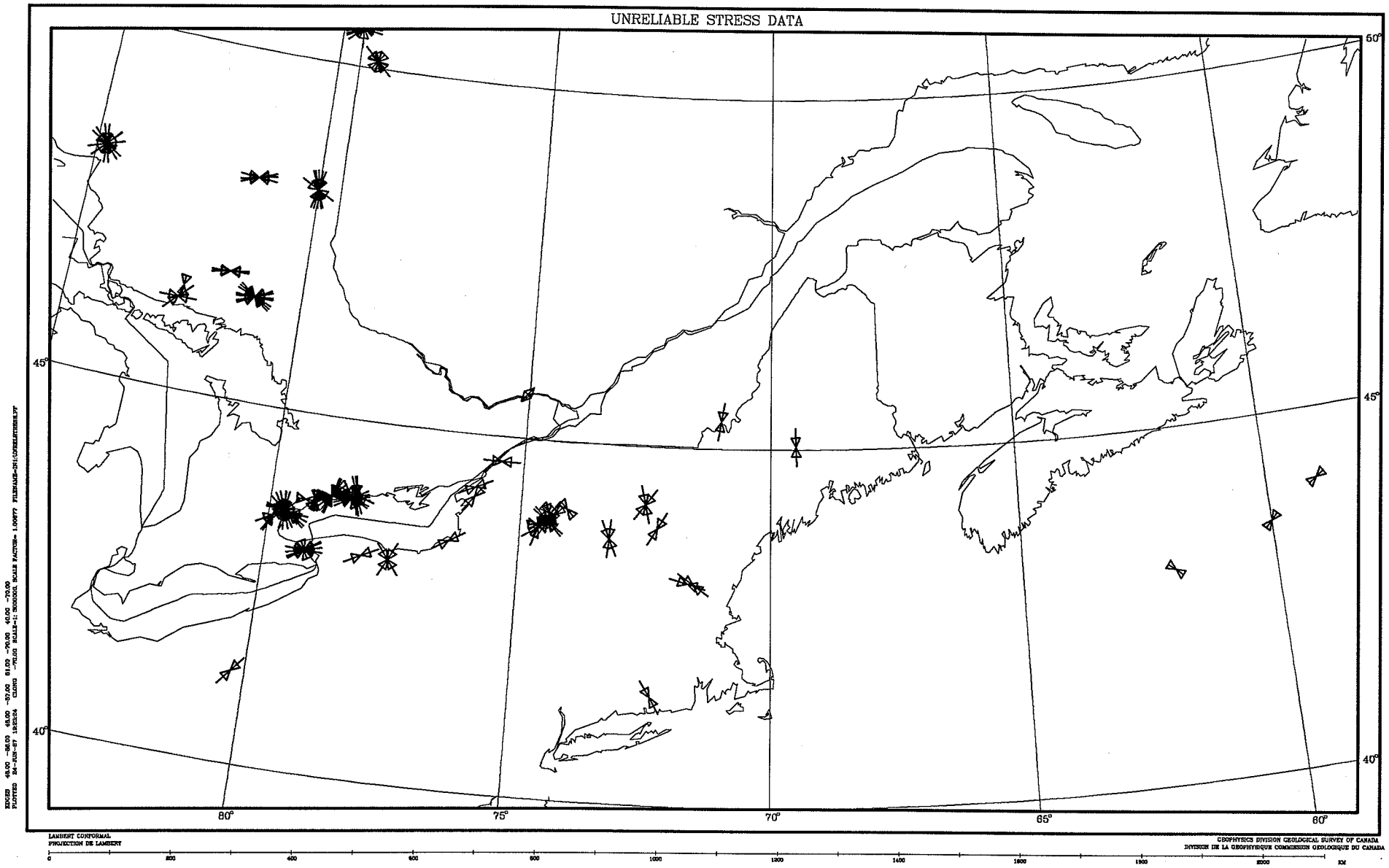

Figure 5: Map of stress orientations for geological features that may predate the contemporary stress field. Data parameters plotted are C3: PG or UK.

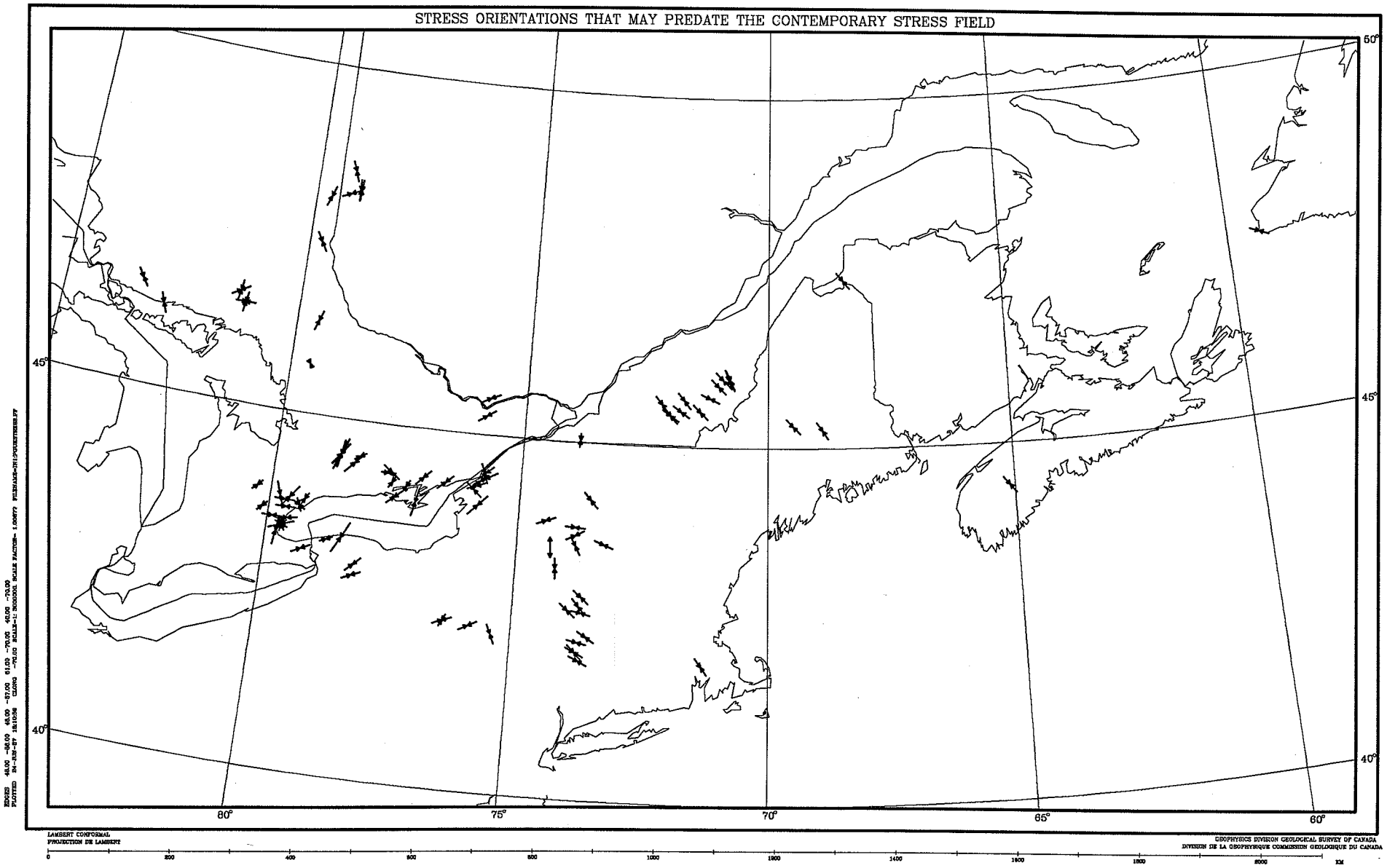

Figure 6: Map of compression direction inferred from earthquake focal mechanism P-axes.

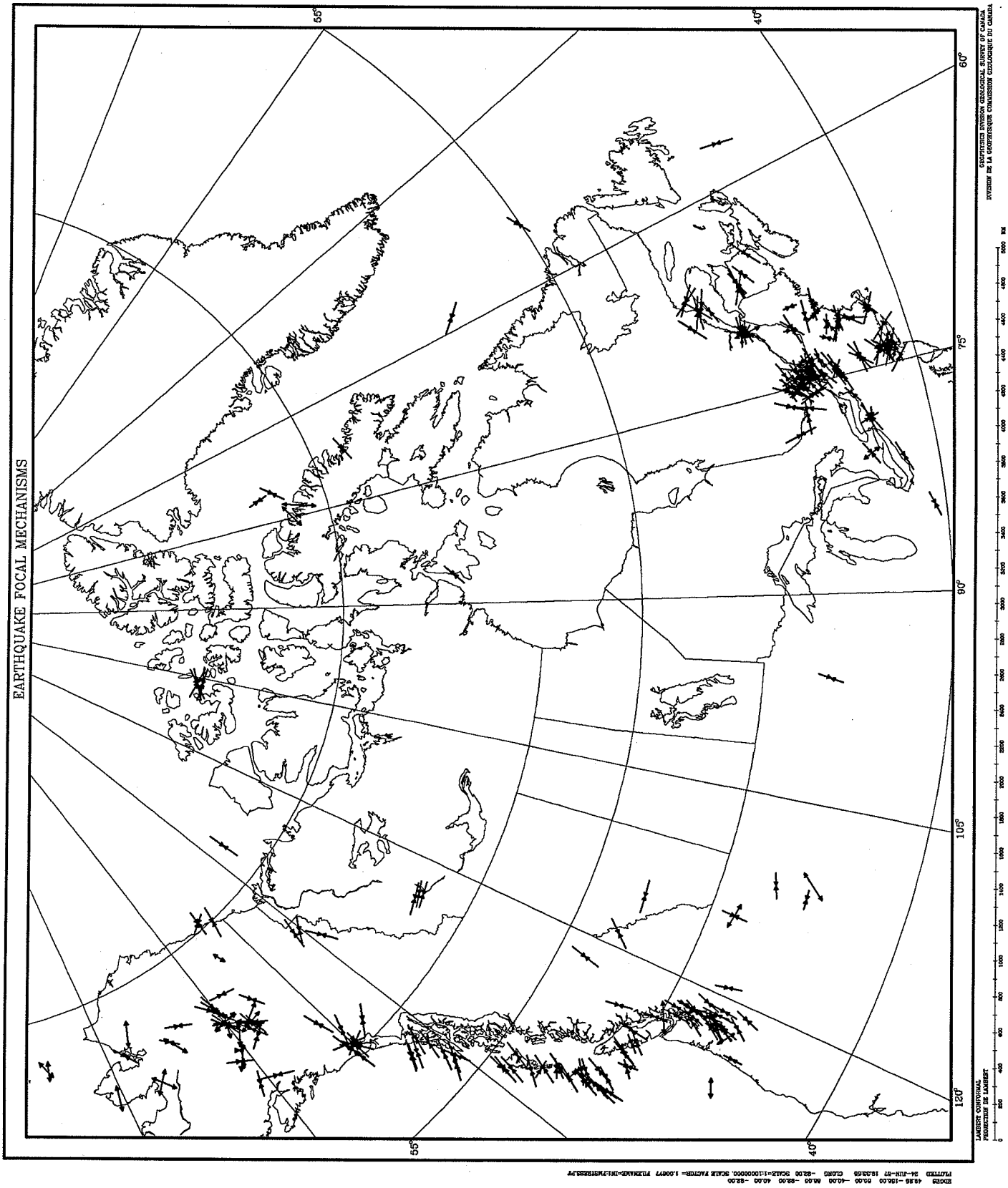

Figure 7: Map of compression direction inferred from oilwell breakouts.

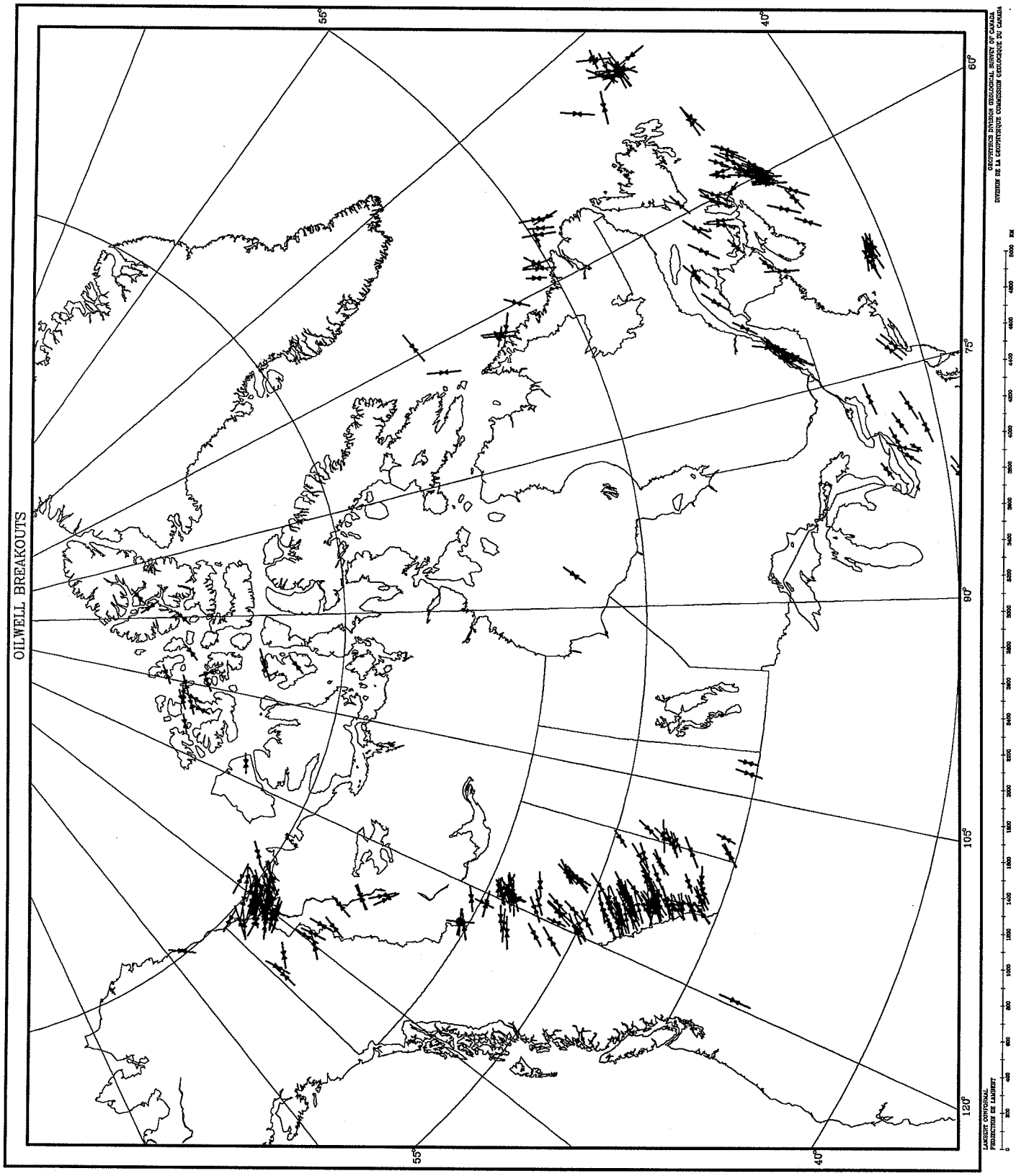

Figure 8: Map of compression direction inferred from hydraulic fracturing.

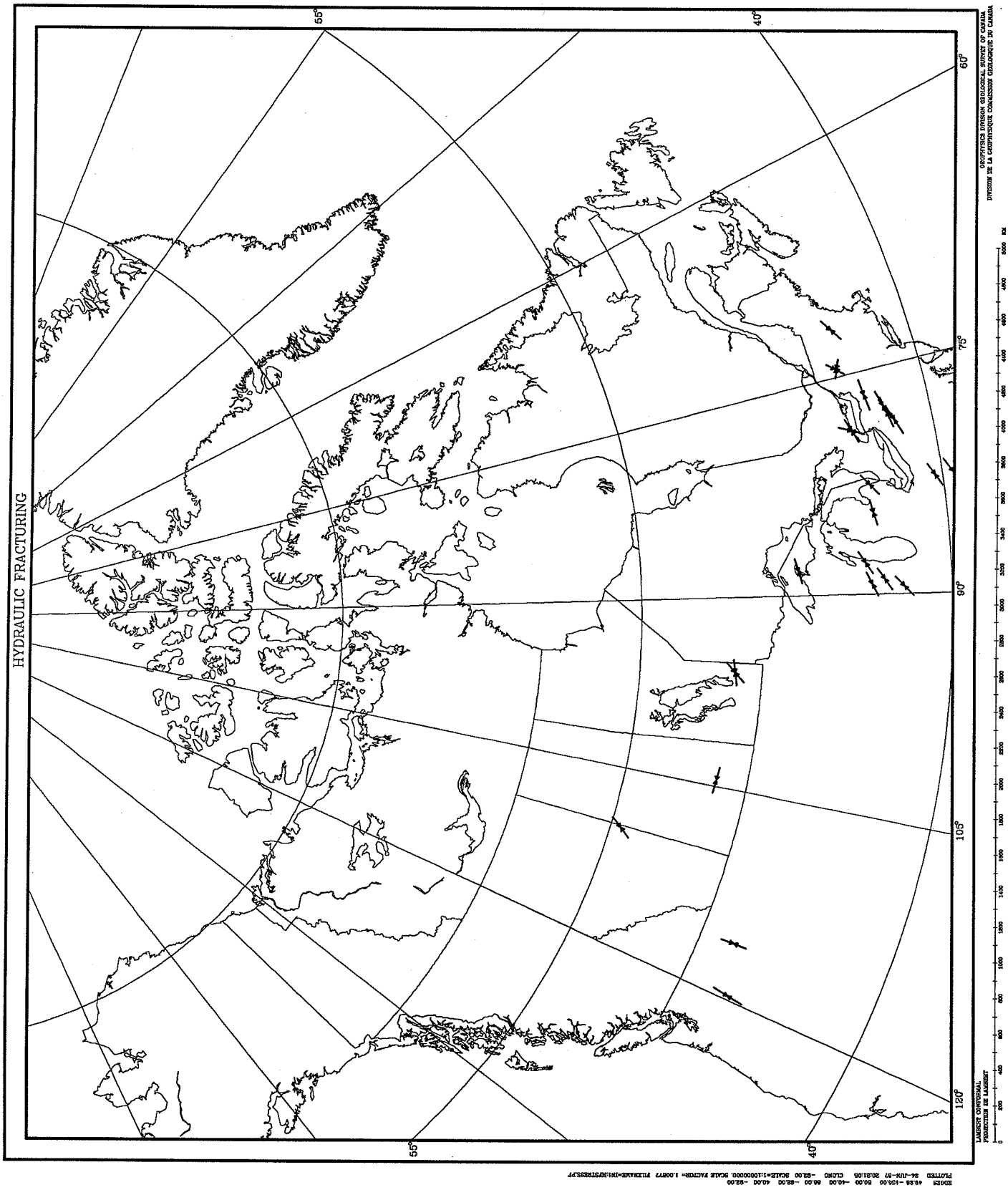

Figure 9: Map of compression direction inferred from surface overcoring at depths of less than 200 m.

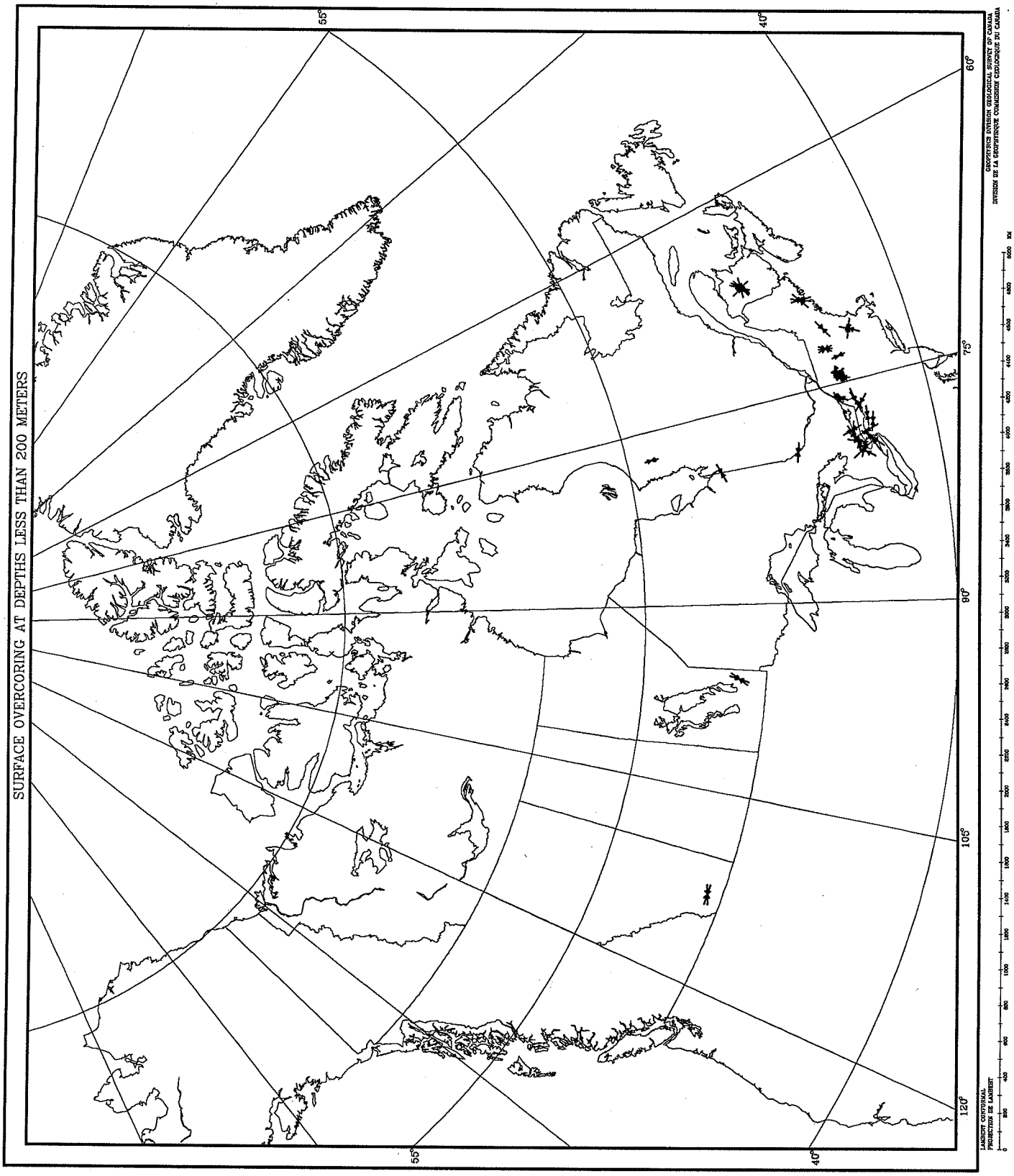

Figure 10: Map of contemporary compression direction inferred from miscellaneous geological phenomena.

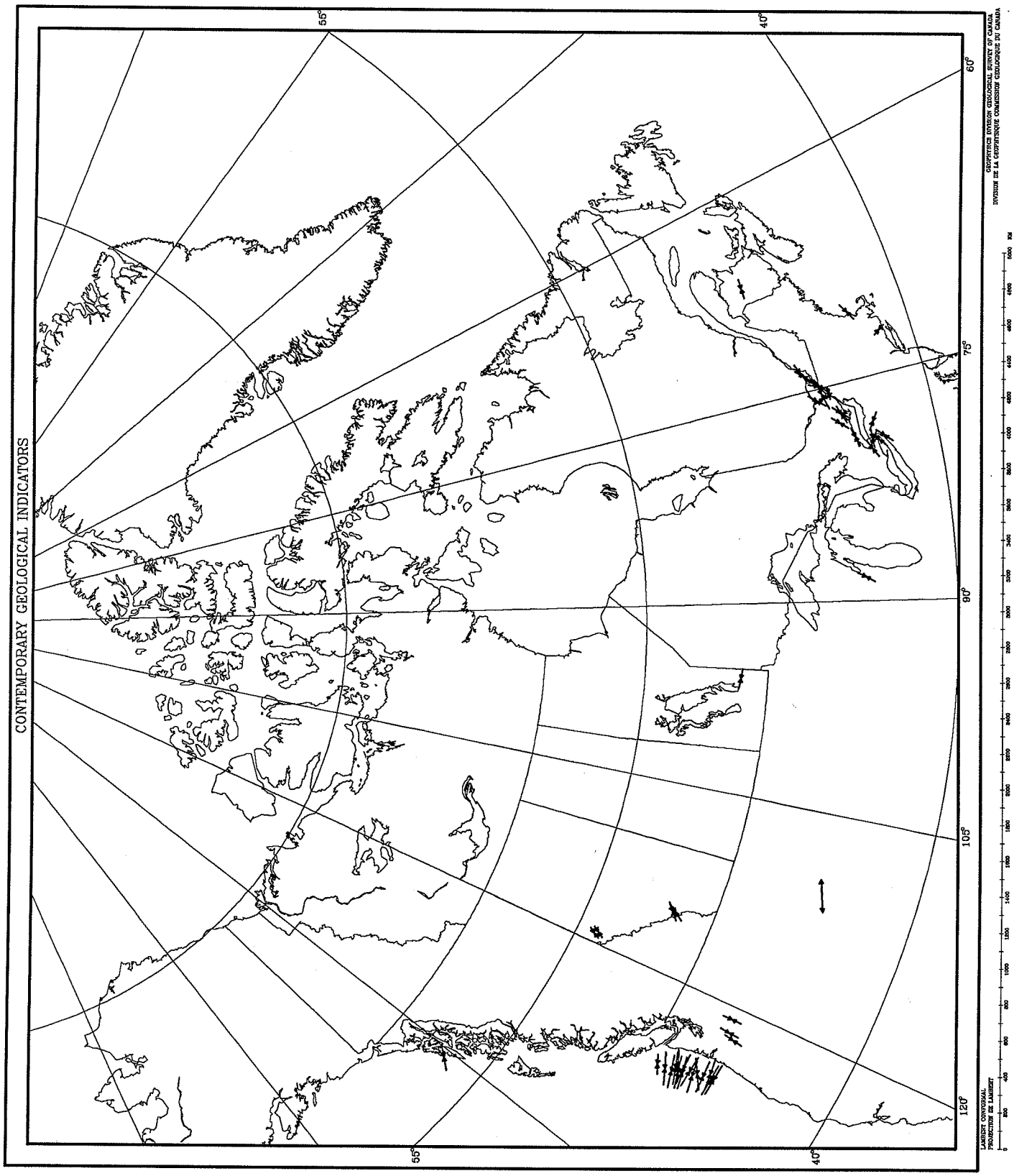

Figure 11: Sample data entry sheet. Items are those described in the data format section.

CRUSTAL STRESS DATA SHEET

Please return to: Dr. John Adams, Geological Survey of Canada
1 Observatory Crescent
Ottawa, Ontario K1A 0Y3 (613)-995-5519

Feb. 13,1987

```
*********************************************************************
*Starred lines should be left blank.  Complete rest to best ability.*
*    Use reverse side, or attach tables or papers as appropriate.   *
*********************************************************************
```

SITE Latitude :
Longitude:
Depth (m):
* Nature : A(verage) O(nly) S(ubsidiary) P(reliminary)
Quality :

Locality :

Province:

TYPE of measurement or observation (be specific):

STRESSES	Azimuth	Plunge	Magnitude (MPa)
sigma 1 (P)			
sigma 2 (B)			
sigma 3 (T)			

Principal horizontal compression direction:

```
* C1:     FM                    IS                          GL
* C2: M C R S A    HF OC BO PC SS GS    TF FD BU SQ PU FO FS OB VA
* C3: M                                            CT PG UK
* P:         (MPa)                  SM:  S  M  L  E
* Q:         (MPa)                  REGM: T T/SS SS/T SS SS/N N/SS N ?
* V:         (MPa)
* AZP:
```

Organization:
Year of measurement:

Full Reference:
(provide one copy)

Comments:

```
*                                                  PAX:
* PL:        NA: CN US   SD:        VR:            TAX:        PT:
*                                                  BAX:        PB:
```

```
SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP
                                                                                                                29-Jun-1987
                                                                                                                Page 1
  0     0.000     0.000     0.0000  N  Q  LOCALITY............ PR  C1  C2  C3  PPPPPP  QQQQQQ  VVVVVV   000  SD  REGM NA  99 VR
  COMMENT  THIS IS A SAMPLE STRESS DATABASE ENTRY, SHOWING ALL FIELDS AND LENGTHS.                          ORGZTN S PAX PL
  REFERENCE...............................Q IS QL................PR IS PROV.......................................BAX PB
  REFERENCE CONT..........................S IS SM................99 IS YR.......................................TAX PT

1102    79.400  - 17.700    19.0000  O  B  EAST OF GREENLAND        FM  S   M5                        -126      N    GN  71 6
  711126  M 5.2  P:033/60                                                                                  LDGO   M 033 60
  SYKES,L.R. AND SBAR,M.L., 1974. FOCAL MECHANISM SOLUTIONS OF INTRAPLATE EARTHQUAKES AND STRESSES IN THE  LITHOSPHERE,  220 31
    GEODYNAMICS OF ICELAND AND THE NORTHERN ATLANTIC AREA.  P. 207-224.                                                126 01

 655    85.710  - 23.900    15.0000  A  A  LINCOLN SEA              FM  S   M5                         172      SS   GN  78 5
  19780104 MB4.9 AVERAGE OF SEQ #71 & 654                                                                   DENMRK L
  GREGERSEN, S. 1982. EARTHQUAKES IN GREENLAND; BULL. GEOL. SOC. DENMARK, VOL. 31, PP. 11-27

  71    85.710  - 23.900    15.0000  S  B  LINCOLN SEA              FM  S   M5                         355      SS   GN  78 6
  780104    M 5.0    ISC DEPTH 36 KM BASED ON PP-P                                                          EPB    M 355 07
  WETMILLER, R.J. AND FORSYTH, D.A., 1982. REVIEW OF SEISMICITY AND OTHER GEOPHYSICAL DATA NEAR NARES STRAIT;  236 74
    MEDDELELSER OM GRONLAND, GEOSCIENCE 8: 1982, PP.261-274                                                   087 13

 654    85.710  - 23.900    15.0000  S  B  LINCOLN SEA              FM  S   M5                         169      SS   GN  78 6
  19780104 MB4.9 SEQ #71 SIMILIAR                                                                           DENMRK L 169 04
  GREGERSEN, S. 1982. EARTHQUAKES IN GREENLAND; BULL. GEOL. SOC. DENMARK, VOL. 31, PP. 11-27                 250 69
                                                                                                            080 13

1114    49.000  - 39.400    33.0000  O  A  WESTERN ATLANTIC      OF  FM  S   M5                         294      T/SS CN  72 5
  721107  Mn = 5.2                                                                                           UBARCE M 294 15
  UDIAS, A., ARROYO, A.L. AND MEZCUA, J., 1976.  SEISMOTECTONICS OF THE AZORES - ALBORAN REGION; TECTONOPHYSICS,  035 24
    VOL. 31, P. 259-289.                                                                                      184 50

 740    47.320  - 46.890     2.8000  O  A  GRAND BANKS           OF  IS  BO                         034  18  -    CN  85 2
  WELL #: GABRIEL C-60                                                                                      AGC    M
  BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S
    EASTERN CONTINENTAL MARGIN. (in press CJES 1985)

 741    47.320  - 46.890     2.8000  O  C  GRAND BANKS           OF  IS  BO                         107   4  -    CN  85 2
  WELL #: GABRIEL C-60: SECONDARY PEAK                                                                      AGC    M
  BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S
    EASTERN CONTINENTAL MARGIN. (in press CJES 1985)

 750    47.120  - 47.960     3.9200  O  A  GRAND BANKS           OF  IS  BO                         103   7  -    CN  85 2
  WELL #: SOUTH TEMPEST E-88                                                                                AGC    M
  BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S
    EASTERN CONTINENTAL MARGIN. (in press CJES 1985)

 732    47.510  - 48.200     2.8000  O  A  GRAND BANKS           OF  IS  BO                         060  10  -    CN  85 2
  WELL #: BONANZA M-71                                                                                      AGC    M
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  WELL #: DOMINION O-23                                                                                     AGC    M
  BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S
    EASTERN CONTINENTAL MARGIN. (in press CJES 1985)
```

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
733	45.860	- 48.330	2.0000	O	A	GRAND BANKS	OF	IS	BO					180	10	- AGC	CN M	85	2
WELL #: BONNITION H-32																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
730	46.580	- 48.350	3.4000	O	A	GRAND BANKS	OF	IS	BO					092	12	- AGC	CN M	85	2
WELL #: BEN NEVIS I-45																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
729	47.010	- 48.370	3.0000	O	A	GRAND BANKS	OF	IS	BO					027	8	- AGC	CN M	85	2
WELL #: ADOLPHUS 2-K-41																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
728	46.980	- 48.370	1.5000	O	A	GRAND BANKS	OF	IS	BO					036	7	- AGC	CN M	85	2
WELL #: ADOLPHUS D-50																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
742	46.540	- 48.530	3.1000	O	A	GRAND BANKS	OF	IS	BO					056	13	- AGC	CN M	85	2
WELL #: HEBRON I-13																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
749	46.850	- 48.740	2.8000	O	A	GRAND BANKS	OF	IS	BO					099	15	- AGC	CN M	85	2
WELL #: NAUTILUS C-92																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
743	46.790	- 48.760	3.0000	O	A	GRAND BANKS	OF	IS	BO					085	11	- AGC	CN M	85	2
WELL #: HIBERNIA B-08																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
738	47.040	- 48.780	3.1000	O	A	GRAND BANKS	OF	IS	BO					164	8	AGC	- M	CN	8
WELL #: FLYING FOAM I-13																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
739	47.040	- 48.780	3.1000	O	C	GRAND BANKS	OF	IS	BO					022	8	- AGC	CN M	85	2
WELL #: FLYING FOAM I-13: SECONDARY PEAK																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
748	46.750	- 48.780	3.3000	O	A	GRAND BANKS	OF	IS	BO					090	10	- AGC	CN M	85	2
WELL #: HIBERNIA P-15																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
746	46.790	- 48.790	4.5000	O	C	GRAND BANKS	OF	IS	BO					103	7	- AGC	CN M	85	2
WELL #: HIBERNIA K-18: SECONDARY PEAK																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
745	46.790	- 48.790	4.5000	O	A	GRAND BANKS	OF	IS	BO					016	8	- AGC	CN M	85	2
WELL #: HIBERNIA K-18																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
747	46.750	- 48.830	3.3000	O	A	GRAND BANKS	OF	IS	BO					091	10	- AGC	CN M	85	2
WELL #: HIBERNIA O-35																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
744	46.730	- 48.840	2.6025	O	A	GRAND BANKS	OF	IS	BO					089	7	- AGC	CN M	85	2
WELL #: HIBERNIA J-34																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
731	49.620	- 49.300	4.4000	O	A	GRAND BANKS	OF	IS	BO					042	12	- AGC	CN M	85	2
WELL #: BLUE H-28																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
734	48.400	- 50.130	2.5000	O	A	GRAND BANKS	OF	IS	BO					114	8	- AGC	CN M	85	2
WELL #: CUMBERLAND B-55																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
8	55.080	- 54.350	16.0000	O	B	LABRADOR SEA	OF	FM	S	M5				065		T EPB	CN M	71 065	6
711207 MB 5.4																		336	18
HASHIZUME, M., 1977. SURFACE-WAVE STUDY OF THE LABRADOR SEA EARTHQUAKE 1971 DECEMBER; GEOPHYS. J. R. ASTR. SOC., VOL. 51, PP. 149-168																		145	72
737	45.250	- 54.390	2.1000	O	A	GRAND BANKS	OF	IS	BO					078	15	- AGC	CN M	85	2
WELL #: EMERILLION C-56																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
765	54.360	- 54.400	2.0000	O	A	LABRADOR SHELF	OF	IS	BO					022	10	- AGC	CN M	85	2
WELL #: INDIAN HARBOUR M-52																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
736	45.390	- 54.500	2.1000	O	A	GRAND BANKS	OF	IS	BO					089	14	- AGC	CN M	85	2
WELL #: HERMINE E-94																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
766	53.940	- 54.710	1.6996	O	B	LABRADOR SHELF	OF	IS	BO					001	7	- AGC	CN M	85	2
WELL #: FREYDIS B-87																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
764	54.410	- 55.250	1.9200	O	B	LABRADOR SHELF	OF	IS	BO					028	2	- AGC	CN M	85	2
WELL #: NORTH LIEF I-05																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
763	54.650	- 55.670	1.7944	O	A	LABRADOR SHELF	OF	IS	BO					023	10	- AGC	CN M	85	2
WELL #: CARTIER D-70																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
762	54.850	- 55.770	1.9500	O	C	LABRADOR SHELF	OF	IS	BO					099	3	- AGC	CN M	85	2
WELL #: ROBERVAL C-02																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
542	51.100	- 56.900	0.0010	O	C	PLUM POINT	NF	GL	TF	PG				180		T G.S.C.	CN M	81	1
100 MM THROW, NORTH SIDE UP, ON 2 FAULTS																			
GRANT, D.R., 1981: GEOLOGICAL SURVEY OF CANADA (G.S.C.) UNPUBLISHED FIELD OBSERVATIONS																			
718	44.710	- 57.070	30.0000	O	A	LAURENTIAN CHANNEL	OF	FM	S	M5				013		T EPB	CN L	85	5
751006 M 5.2																		013	09
HERRMANN, R.B. AND H.S. HASEGAWA, 1986. SOURCE PARAMETERS OF THE MAGNITUDE 5.2 LAURENTIAN CHANNEL EARTHQUAKE OF 06 OCTOBER 1975 AND SEISMOTECTONICS; (DRAFT) 1986.																		238	73
384	44.740	- 57.350	3.6680	O	B	SCOTIAN SHELF	OF	IS	BO					046	20	-	CN A.G.C.	85	1
WELL = DAUNTLESS D-35																	M		
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
379	44.590	- 57.700	2.8170	O	A	SCOTIAN SHELF	OF	IS	BO					054	8	-	CN A.G.C.	85	1
WELL = SACHEM D-76																	M		
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
760	55.530	- 57.710	1.9000	O	B	LABRADOR SHELF	OF	IS	BO					058	14	- AGC	CN M	85	2
WELL #: BJARNI O-82																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
759	55.530	- 57.750	1.9300	O	B	LABRADOR SHELF	OF	IS	BO					012	12	- AGC	CN M	85	2
WELL #: HERJOLF M-92																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
383	44.690	- 57.880	2.3860	O	C	SCOTIAN SHELF	OF	IS	BO					046	9	-	CN A.G.C.	85	1
WELL = HESPER I-52																	M		
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
386	45.320	- 57.940	0.8180	O	C	SCOTIAN SHELF	OF	IS	BO					048	4	-	CN A.G.C.	85	1
WELL = ADVENTURE F-80																	M		
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
385	44.790	- 58.190	2.4160	O	A	SCOTIAN SHELF	OF	IS	BO					054	8	-	CN A.G.C.	85	1
WELL = ESPERANTO K-78																	M		
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

761     55.500  - 58.230     1.5900  O  A  LABRADOR SHELF       OF  IS  BO                                026  10  -     CN  85 2
  WELL #: TYRK P-100                                                                                          AGC    M
  BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S
    EASTERN CONTINENTAL MARGIN. (in press CJES 1985)

387     45.480  - 58.540     1.6190  O  C  SCOTIAN SHELF       OF  IS  BO                                010   4  -     CN  85 1
  WELL =     JASON C-20                                                                                       A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

380     44.610  - 58.660     1.8580  O  C  SCOTIAN SHELF       OF  IS  BO                                061   7  -     CN  85 1
  WELL =     CHIPPEWA G-67                                                                                    A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

1       60.500  - 58.700    33.0000  O  A  LABRADOR SEA         OF  FM  S   M5                           137      T    CN  69 6
  691124    M 5.0                                                                                            LDGO   M 137 25
  SYKES, L.R. AND SBAR, M.L., 1974. FOCAL MECHANISM SOLUTIONS OF INTRAPLATE EARTHQUAKES AND STRESSES IN THE LITHO-        231 05
    SPHERE; KRISTJANSSON (ED) GEODYNAMICS OF ICELAND AND THE NORTH ATLANTIC AREA; D. REIDEL, DORDRECT, PP. 207-224        328 65

389     45.570  - 58.790     0.9310  O  C  SCOTIAN SHELF       OF  IS  BO                                035  18  -     CN  85 1
  WELL =     HERCULES G-15                                                                                    A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

758     55.870  - 58.850     1.8100  O  C  LABRADOR SHELF       OF  IS  BO                                028   9  -     CN  85 2
  WELL #: HOPEDALE E-33                                                                                       AGC    M
  BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S
    EASTERN CONTINENTAL MARGIN. (in press CJES 1985)

382     44.670  - 58.920     2.1260  O  A  SCOTIAN SHELF       OF  IS  BO                                038  10  -     CN  85 1
  WELL =     TUSCARORA D-61                                                                                   A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

396     44.000  - 59.000     1.0000  P  E  SCOTIAN SHELF       OF  IS  BO                                057      -    CN  83 1
  SUPERCEDED BY PODROUZEK AND BELL WORK                                                                       SCHLUM M
  COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA
  24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

370     44.000  - 59.110     0.8560  O  B  SCOTIAN SHELF       OF  IS  BO                                052  15  -     CN  85 1
  WELL =     PRIMROSE N-50                                                                                    A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

751     62.940  - 59.110     2.6000  O  A  LABRADOR SHELF       OF  IS  BO                                080   5  -     CN  85 2
  WELL #: GJOA G-37                                                                                           AGC    M
  BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S
    EASTERN CONTINENTAL MARGIN. (in press CJES 1985)

119     47.960  - 59.230     1.0000  O  B  CODROY              NF  IS  BO                                070      T/SS CN      6
  POSSIBLE DEVIATION EFFECTS                                                                                  SCHLUM M
  PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
  ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3  P       Q       V       AZP

541     47.600  - 59.300     0.0010  O  C  CAPE RAY             NF  GL  TF  PG                          115      T    CN  81 1
  100 MM AND 250 MM THROW ON 2 FAULTS                                                                     G.S.C. M
  GRANT, D.R., 1981: GEOLOGICAL SURVEY OF CANADA (G.S.C.) UNPUBLISHED FIELD OBSERVATIONS

375     44.110  - 59.360     2.8030  O  A  SCOTIAN SHELF        OF  IS  BO                              048   7  -    CN  85 1
  WELL =      BLUENOSE G-47                                                                                A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

381     44.640  - 59.470     2.5070  O  B  SCOTIAN SHELF        OF  IS  BO                              030  16  -    CN  85 1
  WELL =      MIC MAC D-89                                                                                 A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

373     44.040  - 59.530     4.2510  O  C  SCOTIAN SHELF        OF  IS  BO                              028   8  -    CN  85 1
  WELL =      VENTURE B-13                                                                                 A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

361     43.840  - 59.570     3.0190  O  A  SCOTIAN SHELF        OF  IS  BO                              048  14  -    CN  85 1
  WELL =      EAGLE D-21                                                                                   A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

374     44.040  - 59.570     3.5730  O  A  SCOTIAN SHELF        OF  IS  BO                              029  10  -    CN  85 1
  WELL =      VENTURE D-23                                                                                 A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

372     44.030  - 59.610     4.1670  O  C  SCOTIAN SHELF        OF  IS  BO                              026  16  -    CN  85 1
  WELL =      VENTURE B-43                                                                                 A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

376     44.150  - 59.630     2.9240  O  A  SCOTIAN SHELF        OF  IS  BO                              029  11  -    CN  85 1
  WELL =      CITNALTA I-59                                                                                A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

391     46.560  - 59.810     1.0750  O  B  GULF OF ST. LAWRENCE  OF  IS  BO                              069  13  -    CN  85 1
  WELL =      NORTH SYDNEY F-24                                                                            A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

120     46.230  - 59.820     1.0000  O  A  DONKIN               NS  IS  BO                              050      T/SS CN      6
                                                                                                          SCHLUM M
  PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
  ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

360     43.830  - 59.950     2.8580  O  C  SCOTIAN SHELF        OF  IS  BO                              040   5  -    CN  85 1
  WELL =      INTREPID L-80                                                                                A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
757	57.330	- 59.960	2.2692	O	B	LABRADOR SHELF	OF	IS	BO					043	12	- AGC	CN M	85	2

WELL #: SNORRI J-90: 3-m LONG BREAKOUT ONLY
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)

397	43.500	- 60.000	1.0000	P	E	SCOTIAN SHELF	OF	IS	BO					044		- SCHLUM	CN M	83	1

SUPERCEDED BY PODROUZEK AND BELL WORK
COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

378	44.170	- 60.000	2.4060	O	A	SCOTIAN SHELF	OF	IS	BO					058	7	- A.G.C.	CN M	85	1

WELL = PENOBSCOT B-41
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

377	44.160	- 60.070	3.2000	O	B	SCOTIAN SHELF	OF	IS	BO					039	22	- A.G.C.	CN M	85	1

WELL = PENOBSCOT L-30
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

388	45.430	- 60.080	2.5150	O	C	SCOTIAN SHELF	OF	IS	BO					149	17	- A.G.C.	CN M	85	1

WELL = EURYDICE P-36
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

357	43.720	- 60.090	2.9780	O	B	SCOTIAN SHELF	OF	IS	BO					040	14	- A.G.C.	CN M	85	1

WELL = MARMORA C-34
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

369	43.970	- 60.110	2.5140	O	B	SCOTIAN SHELF	OF	IS	BO					029	25	- A.G.C.	CN M	85	1

WELL = SABLE ISLAND O-47
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

368	43.960	- 60.130	3.9070	O	B	SCOTIAN SHELF	OF	IS	BO					063	10	- A.G.C.	CN M	85	1

WELL = SABLE ISLAND 4H-58
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

367	43.960	- 60.130	3.2660	O	C	SCOTIAN SHELF	OF	IS	BO					063	7	- A.G.C.	CN M	85	1

WELL = SABLE ISLAND 3H-58
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

358	43.740	- 60.190	3.0060	O	C	SCOTIAN SHELF	OF	IS	BO					079	3	- A.G.C.	CN M	85	1

WELL = ONONDAGA F-75
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

365	43.900	- 60.210	2.6410	O	B	SCOTIAN SHELF	OF	IS	BO					034	7	- A.G.C.	CN M	85	1

WELL = THEBAUD P-84
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
359	43.750	- 60.230	2.7900	O	A	SCOTIAN SHELF	OF	IS	BO					027	10	-	CN	85	1
WELL = ONONDAGA B-96																	A.G.C.	M	
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
364	43.900	- 60.230	3.0620	O	A	SCOTIAN SHELF	OF	IS	BO					041	11	-	CN	85	1
WELL = THEBAUD I-94																	A.G.C.	M	
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
121	46.360	- 60.250	1.0000	O	A	SYDNEY MINES	NS	IS	BO					050		T/SS	CN		6
SMALL BUT DISTINCT BREAKOUTS																SCHLUM	M		
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																			
371	44.000	- 60.290	2.5240	O	C	SCOTIAN SHELF	OF	IS	BO					040	10	-	CN	85	1
WELL = MIGRANT N-20																	A.G.C.	M	
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
366	43.940	- 60.500	3.6480	O	C	SCOTIAN SHELF	OF	IS	BO					018	11	-	CN	85	1
WELL = COHASSET L-97																	A.G.C.	M	
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
363	43.860	- 60.610	2.3410	O	C	SCOTIAN SHELF	OF	IS	BO					035	10	-	CN	85	1
WELL = COHASSET P-42																	A.G.C.	M	
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
362	43.850	- 60.620	2.6900	O	B	SCOTIAN SHELF	OF	IS	BO					031	21	-	CN	85	1
WELL = COHASSET D-42																	A.G.C.	M	
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
356	43.690	- 60.830	3.4530	O	A	SCOTIAN SHELF	OF	IS	BO					023	11	-	CN	85	1
WELL = DEMASCOTA G-32																	A.G.C.	M	
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
98	47.800	- 61.440	1.0000	O	A	MADELEINE ISLANDS	PQ	IS	BO					060		T/SS	CN		6
																SCHLUM	M		
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																			
392	46.600	- 61.620	1.8220	O	B	GULF OF ST. LAWRENCE	OF	IS	BO					021	11	-	CN	85	1
WELL = EAST POINT E-47																	A.G.C.	M	
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
756	58.440	- 61.770	2.2800	O	A	LABRADOR SHELF	OF	IS	BO					122	9	-	CN	85	2
WELL #: SKOLP E-07																AGC	M		
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
755	58.870	- 61.780	3.7900	O	A	LABRADOR SHELF	OF	IS	BO					019	8	- AGC	CN M	85	2
WELL #: KARLSEFNI H-13																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
393	46.660	- 61.910	1.1890	O	A	GULF OF ST. LAWRENCE	OF	IS	BO					031	9	-	CN A.G.C. M	85	1
WELL = BEATON POINT F-70																			
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
352	42.860	- 61.920	3.1280	O	A	SCOTIAN SHELF	OF	IS	BO					045	11	-	CN A.G.C. M	85	1
WELL = ACADIA K-62																			
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
398	43.000	- 62.000	1.0000	P	E	SCOTIAN SHELF	OF	IS	BO					130		- SCHLUM	CN M	83	1
SUPERCEDED BY PODROUZEK AND BELL WORK																			
COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17																			
753	58.870	- 62.140	2.6000	O	A	LABRADOR SHELF	OF	IS	BO					023	14	- AGC	CN M	85	2
WELL #: GILBERT F-53																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
754	58.870	- 62.140	2.6000	O	C	LABRADOR SHELF	OF	IS	BO					124	6	- AGC	CN M	85	2
WELL #: GILBERT F-53: SECONDARY PEAK																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
354	42.990	- 62.480	3.2470	O	B	SCOTIAN SHELF	OF	IS	BO					074	14	-	CN A.G.C. M	85	1
WELL = MOHICAN I-100																			
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
355	43.640	- 62.800	2.7850	O	A	SCOTIAN SHELF	OF	IS	BO					039	8	-	CN A.G.C. M	85	1
WELL = SAMBRO I-29																			
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.																			
752	62.180	- 62.980	3.1000	O	A	LABRADOR SHELF	OF	IS	BO					020	8	- AGC	CN M	85	2
WELL #: HEKJA O-71																			
BELL, J.S.; ERVINE, W.B., AND PODROUZEK, A.J., THE STRESS REGIME OF CANADA'S EASTERN CONTINENTAL MARGIN. (in press CJES 1985)																			
118	47.980	- 63.120	1.0000	O	A	GULF OF ST LAWRENCE	NB	IS	BO					050		T/SS SCHLUM	CN M		6
VERY SHALLOW BREAKOUT																			
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																			
122	47.980	- 63.120	1.0000	P	A	GULF OF ST LAWRENCE	NB	IS	BO					050		T/SS SCHLUM	CN M		6
DUPLICATE ENTRY FROM PLUMB AND COX (IN PRESS) - DELETE																			
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																			

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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3  P     Q     V     AZP

 116    46.490  - 63.760    1.0000   O  C  MALPEQUE             PE  IS  BO                          065     T/SS CN      6
   AT SHALLOW DEPTH, BREAKOUTS ARE ORTHOGONAL TO THOSE USED ABOVE                                   SCHLUM M
   PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
   ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

 353    42.890  - 64.230    1.2780   O  B  SCOTIAN SHELF       OF  IS  BO                          041  15 -    CN  85 1
   WELL =     MONTAGNAIS I-94                                                                        A.G.C. M
   PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
     in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

 818    53.590  - 64.290    0.3050   O  E  CHURCHILL FALLS     NF  IS  OC                          130     T    CN  68 4
   SEE ALSO RANALLI & CHANDLER ; GEOL. RUNDSCHAU (64); 653-674                                      ACRES  S
   BENSON, R.P., H.G. ACRES LTD., T.W. KIERANS AND O.T. SIGVALDASON, 1970.  IN SITU AND INDUCED STRESSES AT THE CHURCHILL
     FALLS UNDERGROUND POWERHOUSE, LABRADOR; PROC. 2nd CONG. INT. SOC. ROCK MECHANICS, BEOGRAD, YUGOSLAVIA, pp. 821-832

 113    48.800  - 64.390    1.0000   O  C  L'ANSE-AU-GRIFFON    PQ  IS  BO                          090     T/SS CN      6
   POOR HOLE CONDITION, ELONGATION IN DIP DIRECTION                                                 SCHLUM M
   PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
   ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

 114    48.830  - 64.550    1.0000   O  A  MORRIS              PQ  IS  BO                          065     T/SS CN      6
                                                                                                    SCHLUM M
   PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
   ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

1062    46.000  - 64.880   12.0000   O  A  MONCTON             NB  FM  R   M4                      238     T/SS CN  84 5
   840923  DEPTH UNCERTAIN                                                                          GD-GSC M 238 24
   ADAMS,J. AND SHARP,J.,1986, NEW EASTERN CANADIAN FOCAL MECHANISMS - WHAT HAPPENS TO THE                   130 35
   REGIONAL STRESS FIELD BELOW 10 KM ?  EASTERN SECTION, SEIS. SOC. AM. MEETING, OTTAWA, OCTOBER 1986       355 45

 547    44.400  - 65.100    0.0010   O  C  CALEDONIA CORNER     NS  GL  TF  PG                      141     T    CN  24 1
   0.5 MM THROW ON 3 FAULTS                                                                         G.S.C. M
   GOLDTHWAIT, J.W., 1924. PHYSIOGRAPHY OF NOVA SCOTIA; GEOLOGICAL SURVEY OF CANADA, MEMOIR 140,179 PP.

 117    45.490  - 65.780    1.0000   O  C  BLOOMFIELD           NB  IS  BO                          066     T/SS CN      6
   SHALLOWER BREAKOUTS DISAGREE WITH DEEPER; DEEPER ONES USED                                       SCHLUM M
   PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
   ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

1073    46.540  - 66.150   11.0000   O  B  DOAKTOWN             NB  FM  R   M3                      061     T    CN  86 5
   860509 MN 3.3                                                                                    GSC     M 061 08
   ADAMS, J. AND STAGG, M.C.; UNPUBLISHED FOCAL MECHANISMS                                                    325 35
                                                                                                              162 54

1069    49.610  - 66.350   18.0000   O  A  LOWER ST. LAWRENCE R PQ  FM  R   M3                      308     T    CN  84 5
   840528  MN 3.2                                                                                   GSC     M 308  09
   STAGG, M.C., WORK REPORT, "SEISMICITY OF THE LOWER ST. LAWERENCE," PREPARED FOR THE GSC AND MEMORIAL UNIVERSITY OF
     NEWFOUNDLAND, DECEMBER 12, 1986, 34 PP.                                                                  215 20
                                                                                                              062 68

1068    49.610  - 66.450   18.0000   O  A  LOWER ST. LAWRENCE R PQ  FM  R   M3                      325     T    CN  84 5
   840329  MN 3.2                                                                                   GSC     M 325 05
   STAGG, M.C., WORK REPORT, "SEISMICITY OF THE LOWER ST. LAWERENCE," PREPARED FOR THE GSC AND MEMORIAL UNIVERSITY OF
     NEWFOUNDLAND, DECEMBER 12, 1986, 34 PP.                                                                  235 05
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

615     47.007  - 66.514     0.0175  O  C  MIRAMICHI             NB  IS  OC      5.17    1.37            050  20  T    CN  82 1
  AVERAGE OF 7 MEASUREMENTS IN 31M HOLE                                                                   ONTHYD S
  MCKAY, D.A., WILLIAMS, J.B. 1985. MIRAMICHI EPICENTRAL AREA - IN SITU PILOT PROJECT
    RESEARCH DIVISION, ONTARIO HYDRO, REPORT NO. 85-185-K

614     47.019  - 66.515     0.0154  O  C  MIRAMICHI             NB  IS  OC      15.75   9.58            036  18  T    CN  82 1
  AVERAGE OF 12 MEASUREMENTS IN 31M HOLE                                                                  ONTHYD S
  MCKAY, D.A., WILLIAMS, J.B. 1985. MIRAMICHI EPICENTRAL AREA - IN SITU PILOT PROJECT
    RESEARCH DIVISION, ONTARIO HYDRO, REPORT NO. 85-185-K

613     46.977  - 66.526     0.0158  O  C  MIRAMICHI             NB  IS  OC      6.26    0.732           097  25  T    CN  82 1
  AVERAGE OF 10 MEASUREMENTS IN 30M HOLE                                                                  ONTHYD S
  MCKAY, D.A., WILLIAMS, J.B. 1985. MIRAMICHI EPICENTRAL AREA - IN SITU PILOT PROJECT
    RESEARCH DIVISION, ONTARIO HYDRO, REPORT NO. 85-185-K

610     46.977  - 66.579     0.0155  O  C  MIRAMICHI             NB  IS  OC      10.24   3.04            054  21  T    CN  82 1
  AVERAGE OF 11 MEASUREMENTS IN 31M HOLE                                                                  ONTHYD S
  MCKAY, D.A., WILLIAMS, J.B. 1985. MIRAMICHI EPICENTRAL AREA - IN SITU PILOT PROJECT
    RESEARCH DIVISION, ONTARIO HYDRO, REPORT NO. 85-185-K

 57     47.000  - 66.580     1.7000  S  B  MIRAMICHI             NB  FM  C   M2                          264      T    CN  82 5
  JANUARY 1982    MECHANISM J2                                                                            EPB    S 264 31
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982      000 09
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653      104 57

 63     47.000  - 66.580     1.0000  S  B  MIRAMICHI             NB  FM  C   M2                          257      T    CN  82 5
  APRIL 1982    MECHANISM A3                                                                              EPB    S 257 33
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982      165 02
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653      072 57

611     46.977  - 66.582     0.0159  O  C  MIRAMICHI             NB  IS  OC      7.0     3.48            065  43  T    CN  82 1
  AVERAGE OF 13 MEASUREMENTS IN 30M HOLE                                                                  ONTHYD S
  MCKAY, D.A., WILLIAMS, J.B. 1985. MIRAMICHI EPICENTRAL AREA - IN SITU PILOT PROJECT
    RESEARCH DIVISION, ONTARIO HYDRO, REPORT NO. 85-185-K

 59     47.000  - 66.590     4.5000  S  B  MIRAMICHI             NB  FM  C   M2                          269      T    CN  82 5
  JANUARY 1982    MECHANISM J4                                                                            EPB    S 269 03
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982      000 15
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653      169 75

 60     47.000  - 66.590     3.0000  A  A  MIRAMICHI             NB  FM  A   M2                          087      T    CN  82 5
  APRIL 1982    AVERAGE P FROM 3 COMPOSITE MECHANISMS A1-A3                                               EPB    S
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653

390     44.950  - 66.590     1.4180  O  A  BAY OF FUNDY          OF  IS  BO                              020  11  -    CN  85 1
  WELL =     CHINAMPAS N-37                                                                                A.G.C. M
  PODROUZEK, A.J. AND BELL, J.S., 1985.  STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA;
    in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

 62     47.000  - 66.590     3.0000  S  B  MIRAMICHI             NB  FM  C   M2                          269      T    CN  82 5
  APRIL 1982    MECHANISM A2                                                                              EPB    S 269 16
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982      002 11
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653      124 71
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 612    46.990  - 66.598     0.0175  O  C  MIRAMICHI            NB  IS  OC      -0.465  -2.31           155  36  T    CN  82 1
  AVERAGE OF 4 MEASUREMENTS IN 23M HOLE                                                                   ONTHYD S
  MCKAY, D.A., WILLIAMS, J.B. 1985. MIRAMICHI EPICENTRAL AREA - IN SITU PILOT PROJECT
    RESEARCH DIVISION, ONTARIO HYDRO, REPORT NO. 85-185-K

  61    47.000  - 66.600     4.5000  S  B  MIRAMICHI            NB  FM  C   M2                          095      T    CN  82 5
  APRIL 1982    MECHANISM A1                                                                              EPB     S 095 02
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982      004 21
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653      197 78

  54    47.000  - 66.600     3.0000  A  A  MIRAMICHI            NB  FM  A   M2                          085      T    CN  82 5
  JANUARY 1982  AVERAGE P FROM 4 COMPOSITE MECHANISMS J1-J4                                               EPB     S
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653

  55    47.000  - 66.600     4.5000  S  B  MIRAMICHI            NB  FM  C   M2                          079      T    CN  82 5
  JANUARY 1982    DEEP AFTERSHOCKS    MECHANISM J5                                                        EPB     S 079 00
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982      169 75
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653      349 12

  65    46.990  - 66.600     0.0010  O  C  MIRAMICHI            NB  GL  BU  CT                          095      T    CN  82 1
  EQ TRIGGERED STRESS RELIEF; THRUSTING ON W-DIPPING JOINT                                                EPB     M
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653

  53    47.000  - 66.600     7.0000  O  A  MIRAMICHI            NB  FM  S   M5                          263      T    CN  82 5
  820109  Mb 5.7 , MIRAMICHI MAIN SHOCK, SUPERCEDES SEQ# 931                                              EPB     M 263 02
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982      354 21
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653      172 68

 931    47.000  - 66.600     7.0000  P  A  MIRAMICHI            NB  FM  M   M5                          266      T    CN  82 5
  820109  Mb 5.7 SUPERCEDED BY SEQ# 53                                                                   HARVD   L 266 08
  DZIEWONSKI, A.M., FRIEDMAN, A., GIARDINI, D., AND WOODHOUSE, J.H., 1983.  GLOBAL SEISMICITY OF 1982:      001 33
    CENTROID-MOMENT TENSOR SOLUTIONS FOR 308 EARTHQUAKES.  PHYS. EARTH PLANETARY INTER. ,  VOL.33 , pp 76-90.  164 56

 143    46.980  - 66.600     4.7700  O  B  MIRAMICHI            NB  FM  M   M2                          250      T    CN  82 6
  820121  00:39  M 2.5                                                                                   ST.LOU S 250 08
  SAIKIA, A.K. AND R.B. HERRMANN, 1985.  APPLICATION OF WAVE FORM MODELING TO DETERMINE FOCAL MECHANISMS OF FOUR 1982      347 41
    MIRAMICHI AFTERSHOCKS; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.75, no.4, AUGUST 1985.  PP. 1021-1040  151 50

  58    47.000  - 66.610     4.5000  S  B  MIRAMICHI            NB  FM  C   M2                          078      T    CN  82 5
  JANUARY 1982    MECHANISM J3                                                                            EPB     S 078 01
  WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982      348 13
    MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653      171 78

 140    46.980  - 66.610     4.8900  O  B  MIRAMICHI            NB  FM  M   M3                          258      SS   CN  82 6
  820117  13:33  M 3.5                                                                                   ST.LOU S 258 30
  SAIKIA, A.K. AND R.B. HERRMANN, 1985.  APPLICATION OF WAVE FORM MODELING TO DETERMINE FOCAL MECHANISMS OF FOUR 1982      141 63
    MIRAMICHI AFTERSHOCKS; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.75, no.4, AUGUST 1985.  PP. 1021-1040  011 35

 142    47.010  - 66.610     3.5100  O  B  MIRAMICHI            NB  FM  M   M3                          267      T    CN  82 6
  820118  19:34  M 3.0                                                                                   ST.LOU S 267 13
  SAIKIA, A.K. AND R.B. HERRMANN, 1985.  APPLICATION OF WAVE FORM MODELING TO DETERMINE FOCAL MECHANISMS OF FOUR 1982      009 29
    MIRAMICHI AFTERSHOCKS; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.75, no.4, AUGUST 1985.  PP. 1021-1040  160 59
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P      Q      V      AZP
 56    47.000  - 66.620     1.7000  S  B  MIRAMICHI            NB  FM  C   M2                        089      T     CN  82 5
 JANUARY 1982    MECHANISM J1                                                                          EPB     S 089 16
 WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982      185 18
   MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653      320 66

141    46.990  - 66.630     2.4000  O  B  MIRAMICHI            NB  FM  M   M2                        262      SS    CN  82 6
 820117  13:33  M 2.8                                                                                 ST.LOU S 262 31
 SAIKIA, A.K. AND R.B. HERRMANN, 1985.  APPLICATION OF WAVE FORM MODELING TO DETERMINE FOCAL MECHANISMS OF FOUR 1982     140 41
   MIRAMICHI AFTERSHOCKS; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.75, no.4, AUGUST 1985.  PP. 1021-1040    015 34

 97    48.440  - 66.950     1.0000  O  A  CAUSAPSCAL           PQ  IS  BO                            054      T/SS CN      6
                                                                                                       SCHLUM M
 PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
 ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

 64    47.010  - 66.970     8.0000  O  A  TROUSERS LAKE         NB  FM  C   M4                        300      T     CN  82 5
 820616    MB 4.7                                                                                      EPB     M 300 02
 WETMILLER, R.J., ADAMS, J., ANGLIN, F.M., HASEGAWA, H.S. AND STEVENS, A.E., 1984. AFTERSHOCK SEQUENCES OF THE 1982      030 02
   MIRAMICHI, NEW BRUNSWICK, EARTHQUAKES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 74, NO. 2, PP. 621-653      167 88

1060   49.000  - 67.170    20.0000  O  A  LOWER ST LAWRENCE R.  PQ  FM  R   M4                        294      T     CN  83 5
 830117                                                                                                GD-GSC M 294 09
 ADAMS,J. AND SHARP,J.,1986, NEW EASTERN CANADIAN FOCAL MECHANISMS - WHAT HAPPENS TO THE                 200 25
 REGIONAL STRESS FIELD BELOW 10 KM ?  EASTERN SECTION, SEIS. SOC. AM. MEETING, OTTAWA, OCTOBER 1986      043 63

1092   40.550  - 67.210     1.1740  O  B  GEORGES BANK         OF  IS  BO                            078  15          US  86 5
 SHELL 410-1, SD+-15 DEGS, Z+Z.GB-7                                                                    USGS    M
 ZOBACK AND DART (1986)

1089   40.817  - 67.267     0.7170  O  C  GEORGES BANK         OF  IS  BO                            098              US  86 5
 CONOCO 145, ONLY 3 BREAKOUTS, Z+Z.GB-4                                                                USGS    M
 ZOBACK AND DART (1986)

  7    68.400  - 67.300     8.6000  O  B  BAFFIN ISLAND        NT  FM  S   M5                        071      SS/N CN  70 6
 701202    M 4.9                                                                                       EPB     M 071 32
 HASHIZUME, M., 1973. TWO EARTHQUAKES ON BAFFIN ISLAND AND THEIR TECTONIC IMPLICATIONS; J. GEOPHYSICAL RESEARCH,      315 70
   VOL. 78, NO. 26, SEPT. 10, 1973, PP. 6069-6081                                                      062 12

1088   40.767  - 67.383     1.4570  O  A  GEORGES BANK         OF  IS  BO                            097  13          US  86 5
 TENNECO 187-1, SD+-13 DEGS, Z+Z.GB-3                                                                  USGS    M
 ZOBACK AND DART (1986)

1077   49.250  - 67.390    18.0000  O  A  LOWER ST. LAWRENCE R  PQ  FM  R   M4                        052      T     CN  86 5
 861109  MN 4.2                                                                                        GSC     M 052 05
 STAGG, M.C., WORK REPORT, "SEISMICITY OF THE LOWER ST. LAWERENCE," PREPARED FOR THE GSC AND MEMORIAL UNIVERSITY OF  320 20
   NEWFOUNDLAND, DECEMBER 12, 1986, 34 PP.                                                             154 69

1095   40.683  - 67.500     1.2060  O  A  GEORGES BANK         OF  IS  BO                            103  13          US  86 5
 MOBIL 273-1, SD+-13 DEGS, Z+Z.GB-9                                                                    USGS    M
 ZOBACK AND DART (1986)
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP						
1087	40.833	- 67.500	1.1300	O	A	GEORGES BANK	OF	IS	BO					088	11		US	86	5	
COST G-2, SD+-11 DEGS, Z+Z.GS-2																				
ZOBACK AND DART (1986)																USGS	M			
1061	49.310	- 67.510	18.0000	O	A	LOWER ST LAWRENCE R.	PQ	FM	R	M4				293		T	CN	84	5	
840411																GD-GSC	M	293	09	
ADAMS,J. AND SHARP,J.,1986, NEW EASTERN CANADIAN FOCAL MECHANISMS - WHAT HAPPENS TO THE																		200	20	
REGIONAL STRESS FIELD BELOW 10 KM ? EASTERN SECTION, SEIS. SOC. AM. MEETING, OTTAWA, OCTOBER 1986																		047	68	
1070	49.260	- 67.600	18.0000	O	A	LOWER ST. LAWRENCE R	PQ	FM	R	M3				274		SS	CN	85	5	
850816 MN 3.2																GSC	M	274	14	
STAGG, M.C., WORK REPORT, "SEISMICITY OF THE LOWER ST. LAWERENCE," PREPARED FOR THE GSC AND MEMORIAL UNIVERSITY OF																		120	75	
NEWFOUNDLAND, DECEMBER 12, 1986, 34 PP.																		006	06	
1090	41.000	- 67.600	0.9950	O	A	GEORGES BANK	OF	IS	BO					101	8		US	86	5	
EXXON 975-1, SD+-8 DEGS, Z+Z.GB-5																USGS	M			
ZOBACK AND DART (1986)																				
1094	40.650	- 67.783	1.3480	O	A	GEORGES BANK	OF	IS	BO					076	14		US	86	5	
MOBIL 312-1, SD+-14 DEGS, Z+Z.GB-8																USGS	M			
ZOBACK AND DART (1986)																				
1067	48.710	- 67.810	18.0000	O	B	LOWER ST. LAWRENCE R	PQ	FM	R	M4				072		T	CN	80	5	
800403 MN 4.1																GSC	M	072	04	
STAGG, M.C., WORK REPORT, "SEISMICITY OF THE LOWER ST. LAWERENCE," PREPARED FOR THE GSC AND MEMORIAL UNIVERSITY OF																		340	30	
NEWFOUNDLAND, DECEMBER 12, 1986, 34 PP.																		170	60	
1091	40.817	- 67.950	1.1070	O	A	GEORGES BANK	OF	IS	BO					091	11		US	86	5	
EXXON 133-1, SD+-11 DEGS, Z+Z.GS-6																USGS	M			
ZOBACK AND DART (1986)																				
1086	40.933	- 68.300	1.2300	O	A	GEORGES BANK	OF	IS	BO					078	15		US	86	5	
COST G-1, SD+-15 DEGS, Z+Z.GS-1																USGS	M			
ZOBACK AND DART (1986)																				
540	47.400	- 68.400	0.0010	O	C	EDMUNDSTON	NB	GL	TF	PG				140		T?	CN	82	1	
10 MM - 28 MM THROW ON 4 VERTICAL FAULTS																NBDNR	M			
J. THIBAULT AND A. SEAMAN, 1982: UNPUBLISHED FIELD OBSERVATIONS																				
1059	49.840	- 68.620	2.0000	O	B	MANICOUAGAN-3	PQ	FM	C					234		T	CN	76	5	
1976 SEPT & OCT;COMP. MECHANISM OF MANIC3 QUAKES FOLLOWING MAINSHOCK OF 751023																GD-GSC	S	234	23	
ADAMS,J. AND SHARP,J.,1986, NEW EASTERN CANADIAN FOCAL MECHANISMS - WHAT HAPPENS TO THE																		135	20	
REGIONAL STRESS FIELD BELOW 10 KM ? EASTERN SECTION, SEIS. SOC. AM. MEETING, OTTAWA, OCTOBER 1986																		009	58	
658	49.840	- 68.620	1.5000	O	A	MANICOUAGAN-3	PQ	FM	C	M1				234		T	CN	76	6	
REANALYSED BY J. ADAMS, AUGUST, 1985																EPB	M	234	28	
LEBLANC,G., AND ANGLIN, F., 1978, INDUCED SEISMICITY AT THE MANIC-3 RESERVOIR, QUEBEC.																		135	20	
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.68, pp. 1469-1485																		009	58	

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SEQ     LAT       LON       DEPTH     N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 691    44.500  - 68.850     0.0050   O  C  BUCKSPORT             ME  IS  OC      3.25    0.85            004  14  T     US   78 1
   SITE #2                                                                                                         USGS   S
   LEE, F.T., MILLER, D.R.,et al,1979, THE RELATION OF STRESSES IN GRANITE AND GNEISS NEAR MOUNT WALDO,MAINE,TO
     STRUCTURE, TOPOGRAPHY, AND ROCKBURSTS. 20TH SYMPOSIUM ON ROCK MECHANICS, AUSTIN,TEXAS, JUNE4-6, pp.663-669

 690    44.500  - 68.870     0.0050   O  C  BUCKSPORT             ME  IS  OC      9.49    3.44            026  29  T     US   78 1
   SITE #1                                                                                                         USGS   S
   LEE, F.T., MILLER, D.R.,et al,1979, THE RELATION OF STRESSES IN GRANITE AND GNEISS NEAR MOUNT WALDO,MAINE,TO
     STRUCTURE, TOPOGRAPHY, AND ROCKBURSTS. 20TH SYMPOSIUM ON ROCK MECHANICS, AUSTIN,TEXAS, JUNE4-6, pp.663-669

1002    45.250  - 68.870     0.0010   O  C  BOYD LAKE             ME  GL  TF  PG                            145      -     US   81 3
   20M LONG SOUTH SIDE DOWN 7mm                                                                                    MGS    M
   WESTERMAN, D.S., 1983, STRUCTURAL ANALYSIS OF THE GUILFORD, DOVE-FOXCROFT, AND BOYD LAKE 15-MINUTE QUADRANGLES
     S.CENTRAL MAINE. in THOMPSON(ED), 1983, NEW ENG. SEISMOTECT STUDY IN MAINE 1982, MAINE GEOL.SURVEY NRC-04-76-291

 692    44.550  - 68.910     0.0050   O  C  BUCKSPORT             ME  IS  OC      2.29    0.96            060  12  T     US   78 1
   SITE #3                                                                                                         USGS   S
   LEE, F.T., MILLER, D.R.,et al,1979, THE RELATION OF STRESSES IN GRANITE AND GNEISS NEAR MOUNT WALDO,MAINE,TO
     STRUCTURE, TOPOGRAPHY, AND ROCKBURSTS. 20TH SYMPOSIUM ON ROCK MECHANICS, AUSTIN,TEXAS, JUNE4-6, pp.663-669

 101    47.610  - 69.460     1.0000   O  B  PELLETIER-STATION     PQ  IS  BO                              045      T/SS CN      6
                                                                                                                   SCHLUM M
   PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
   ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

1001    45.310  - 69.480     0.0010   O  C  MOOSEHORN             ME  GL  TF  PG                            135      -     US   81 3
   SOUTH SIDE DOWN ON 5 VERTICAL CLEAVAGE PLANES                                                                   MGS    M
   WESTERMAN, D.S., 1983, STRUCTURAL ANALYSIS OF THE GUILFORD, DOVE-FOXCROFT, AND BOYD LAKE 15-MINUTE QUADRANGLES
     S.CENTRAL MAINE. in THOMPSON(ED), 1983, NEW ENG. SEISMOTECT STUDY IN MAINE 1982, MAINE GEOL.SURVEY NRC-04-76-291

  82    45.040  - 69.480     0.0000   O  D  DEXTER                ME  FM  S   M2                          178      ?     US   78 6
   781220    M 2.2    INSUFFICIENT DATA, DEPTH ASSUMED                                                           WESTON S 179 00
   GRAHAM, T. AND CHIBURIS, E.F., 1980. FAULT PLANE SOLUTIONS AND THE STATE OF STRESS IN NEW ENGLAND; EARTHQUAKE          090 00
     NOTES, VOL. 51, NO. 2, APRIL-JUNE 1980, PP.3-12                                                                    000 90

  81    43.950  - 69.760     3.0000   O  C  BATH                 ME  FM  S   M4                          086      T     US   79 6
   790418    M 4.0    ALTERNATIVE TO SEQ # 0024                                                                  WESTON M 086 07
   GRAHAM, T. AND CHIBURIS, E.F., 1980. FAULT PLANE SOLUTIONS AND THE STATE OF STRESS IN NEW ENGLAND; EARTHQUAKE          353 00
     NOTES, VOL. 51, NO. 2, APRIL-JUNE 1980, PP.3-12                                                                    299 83

  24    43.980  - 69.800     3.0000   O  A  BATH                 ME  FM  S   M4                          095      T     US   79 6
   790418    M 4.0    AFTERSHOCK POLARITIES AGREE WITH MAIN FM                                                   MIT    M 095 05
   PULLI, J.J.,STEWART,R.R., JOHNSTON,J.C., et al, 1980, FIELD OBSERVATIONS AND FAULT PLANE SOLUTIONS OF THE BATH,      182 00
     MAINE EARTHQUAKE OF APRIL 18,1979. EARTHQUAKE NOTES, VOL.51, NO.4, pp. 39-46.                                    300 79

  20    47.710  - 69.840    15.2000   O  B  CHARLEVOIX            PQ  FM  S   M2                          274      T     CN   74 5
   740630    ML 2.0                                                                                                 EPB    S 274 05
   LEBLANC, G. AND BUCHBINDER, G., 1977. SECOND MICROEARTHQUAKE SURVEY OF THE ST. LAWRENCE VALLEY NEAR LA MALBAIE,      005 02
     QUEBEC; CAN. J. EARTH SCI., VOL. 14, DECEMBER 1977, PP. 2778-2789                                                 130 83

  14    47.670  - 69.900    10.0000   O  A  CHARLEVOIX            PQ  FM  S   M5                          105      T/SS CN   79 6
   790819    MN 5.0                                                                                                 EPB    M 105 16
   HASEGAWA, H.S. AND WETMILLER, R.J., 1980. THE CHARLEVOIX EARTHQUAKE OF 19 AUGUST 1979 AND ITS SEISMO-TECTONIC        213 57
     ENVIRONMENT; EARTHQUAKE NOTES, VOL. 51, NO. 4, OCT-DEC, 1980, PP. 23-37                                          356 44
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

 19    47.490  - 69.970    12.7000  O  C  CHARLEVOIX           PQ  FM  S   M0                          290      T     CN  74 5
 740713    ML 0.6                                                                                        EPB     S 290 17
 LEBLANC, G. AND BUCHBINDER, G., 1977. SECOND MICROEARTHQUAKE SURVEY OF THE ST. LAWRENCE VALLEY NEAR LA MALBAIE,          193 15
   QUEBEC; CAN. J. EARTH SCI., VOL. 14, DECEMBER 1977, PP. 2778-2789                                                   066 67

687    47.670  - 69.990     6.0000  S  B  CHARLEVOIX           PQ  IS  SS                              033          CN  84 4
 840811  M 2.1  SHEAR WAVE SPLITTING                                                                          EPB     L
 BUCHBINDER, G.G.R., 1985.  SHEAR-WAVE SPLITTING AND ANISOTROPY IN THE CHARLEVOIX SEISMIC ZONE, QUEBEC
   GEOPHYSICAL RESEARCH LETTERS, vol.12, no.7, JULY 1985.  P. 425-428.

689    47.500  - 70.100     6.7000  A  B  CHARLEVOIX           PQ  IS  SS                              030  03      CN  84 1
 SHEAR SPLITTING WAVE (AVG. OF SEQ #686-688)                                                                EPB     L
 BUCHBINDER, G.G.R., 1985.  SHEAR-WAVE SPLITTING AND ANISOTROPY IN THE CHARLEVOIX SEISMIC ZONE, QUEBEC
   GEOPHYSICAL RESEARCH LETTERS, vol.12, no.7, JULY 1985.  P. 425-428.

1063   47.700  - 70.110     5.0000  O  A  LA MALBAIE           PQ  FM  R   M4                          029      T     CN  86 5
 860111                                                                                                     GD-GSC M 029 09
 ADAMS,J. AND SHARP,J.,1986, NEW EASTERN CANADIAN FOCAL MECHANISMS - WHAT HAPPENS TO THE                          295 25
 REGIONAL STRESS FIELD BELOW 10 KM ?  EASTERN SECTION, SEIS. SOC. AM. MEETING, OTTAWA, OCTOBER 1986               138 63

686    47.500  - 70.150     7.7000  S  B  CHARLEVOIX           PQ  IS  SS                              026          CN  84 1
 840811  M 2.1  SHEAR WAVE SPLITTING                                                                          EPB     L
 BUCHBINDER, G.G.R., 1985.  SHEAR-WAVE SPLITTING AND ANISOTROPY IN THE CHARLEVOIX SEISMIC ZONE, QUEBEC
   GEOPHYSICAL RESEARCH LETTERS, vol.12, no.7, JULY 1985.  P. 425-428.

688    47.450  - 70.180     6.5000  S  B  CHARLEVOIX           PQ  IS  SS                              031          CN  84 1
 840820  M 2.1  SHEAR WAVE SPLITTING                                                                          EPB     L
 BUCHBINDER, G.G.R., 1985.  SHEAR-WAVE SPLITTING AND ANISOTROPY IN THE CHARLEVOIX SEISMIC ZONE, QUEBEC
   GEOPHYSICAL RESEARCH LETTERS, vol.12, no.7, JULY 1985.  P. 425-428.

 17    47.400  - 70.180    16.9000  O  B  CHARLEVOIX           PQ  FM  S   M2                         -173      N/SS  CN  74 6
 740620    ML 1.7                                                                                         EPB     S 039 58
 LEBLANC, G. AND BUCHBINDER, G., 1977. SECOND MICROEARTHQUAKE SURVEY OF THE ST. LAWRENCE VALLEY NEAR LA MALBAIE,          271 20
   QUEBEC; CAN. J. EARTH SCI., VOL. 14, DECEMBER 1977, PP. 2778-2789                                                   173 24

 89    72.500  - 70.200    18.0000  P  C  BAFFIN BAY           OF  FM  S   M5                          184      SS/T  CN  76 6
 761112    M 5.4    STEIN ET AL. (SEQ # 0003) PREFERRED                                                     EPB     M 184 05
 WETMILLER, R.J. AND FORSYTH, D.A., 1982. REVIEW OF SEISMICITY AND OTHER GEOPHYSICAL DATA NEAR NARES STRAIT;          086 62
   MEDDELELSER OM GRONLAND, GEOSCIENCE 8: 1982, PP.261-274                                                          279 28

  3    72.500  - 70.200    33.0000  O  B  BAFFIN BAY           OF  FM  S   M5                          045      T     CN  76 6
 761112    MB 5.4    ALSO WETMILLER AND FORSYTH, SEQ # 0089                                                  STANFD M 045 03
 STEIN, S., SLEEP, N.H., GELLER, R.J., WANG, S. AND KROEGER, G.C., 1979. EARTHQUAKES ALONG THE PASSIVE MARGIN OF          312 26
   EASTERN CANADA; GEOPHYSICAL RESEARCH LETTERS, VOL. 6, NO. 7, JULY, 1979, PP. 537-540                             140 66

 18    47.510  - 70.210    14.8000  O  C  CHARLEVOIX           PQ  FM  S   M0                          137      T     CN  74 5
 740623    ML 0.5                                                                                         EPB     S 137 01
 LEBLANC, G. AND BUCHBINDER, G., 1977. SECOND MICROEARTHQUAKE SURVEY OF THE ST. LAWRENCE VALLEY NEAR LA MALBAIE,          226 04
   QUEBEC; CAN. J. EARTH SCI., VOL. 14, DECEMBER 1977, PP. 2778-2789                                                   037 83

 15    47.560  - 70.230    15.2000  O  C  CHARLEVOIX           PQ  FM  S   M0                          280      T/SS  CN  74 5
 740702    ML 0.3                                                                                         EPB     S 280 03
 LEBLANC, G. AND BUCHBINDER, G., 1977. SECOND MICROEARTHQUAKE SURVEY OF THE ST. LAWRENCE VALLEY NEAR LA MALBAIE,          184 65
   QUEBEC; CAN. J. EARTH SCI., VOL. 14, DECEMBER 1977, PP. 2778-2789                                                   011 25
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SEQ     LAT       LON      DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

 16    47.430  - 70.240    10.0000  O  C  CHARLEVOIX           PQ  FM  S   M0                          076      SS/T CN  74 5
 740609    ML 0.6                                                                                          EPB    S 076 07
 LEBLANC, G. AND BUCHBINDER, G., 1977. SECOND MICROEARTHQUAKE SURVEY OF THE ST. LAWRENCE VALLEY NEAR LA MALBAIE,
   QUEBEC; CAN. J. EARTH SCI., VOL. 14, DECEMBER 1977, PP. 2778-2789                                                336 58
                                                                                                                    171 37

1076    47.300  - 70.320    22.0000  O  A  CHARLEVOIX           PQ  FM  R   M4                          225      T    CN  86 5
 860919  MN 4.2                                                                                             GSC    M 225 00
 ADAMS, J. AND STAGG, M.C.; UNPUBLISHED FOCAL MECHANISMS                                                            345 10
                                                                                                                    165 80

 83    43.940  - 70.400     6.0000  O  C  CRESCENT LAKE        ME  FM  S   M2                          337      T    US  78 6
 781029    M 2.5    DEPTH ASSUMED, FEW POLARITIES                                                           WESTON S 337 07
 GRAHAM, T. AND CHIBURIS, E.F., 1980. FAULT PLANE SOLUTIONS AND THE STATE OF STRESS IN NEW ENGLAND; EARTHQUAKE
   NOTES, VOL. 51, NO. 2, APRIL-JUNE 1980, PP.3-12                                                                  242 51
                                                                                                                    090 73

 91    44.500  - 70.410     2.0000  O  A  DIXFIELD             ME  FM  S   M4                          095      T    US  83 6
 830529    MC 4.4                                                                                          WESTON M 095
 EBEL, J.E. AND MCCAFFREY, J.P. (S.J.), 1984. HYPOCENTRAL PARAMETERS AND FOCAL MECHANISMS OF THE 1983 EARTHQUAKE
   NEAR DIXFIELD, MAINE; EARTHQUAKE NOTES, VOL. 55, NO. 2, APRIL-JUNE 1984, PP. 21-24                               005 11
                                                                                                                    005 89

809    72.300  - 70.430    18.0000  P  C  BAFFIN BAY           NT  FM  S   M5                          184      SS/T CN  76 6
 761112  mN 5.6; SEE SEQ 089; SEQ 003 PREFERRED                                                               EPB    L 184 05
 WETMILLER, R.J. AND HORNER, R.B., 1978.  CANADIAN EARTHQUAKES - 1976.
   SEISMOLOGICAL SERIES OF THE EARTH PHYSICS BRANCH, No. 79, 75p.                                                   085 61
                                                                                                                    276 30

 84    44.040  - 70.510     6.0000  O  C  OTISFIELD            ME  FM  S   M3                          331      T    US  78 6
 780104    M 3.2    DEPTH ASSUMED                                                                           WESTON S 331 24
 GRAHAM, T. AND CHIBURIS, E.F., 1980. FAULT PLANE SOLUTIONS AND THE STATE OF STRESS IN NEW ENGLAND; EARTHQUAKE
   NOTES, VOL. 51, NO. 2, APRIL-JUNE 1980, PP.3-12                                                                  057 00
                                                                                                                    120 66

660    42.670  - 70.580     0.0001  O  C  CAPE ANN             MA  GL  JS  CT                          064          US  81 5
 REGIONAL COMPRESSION DEDUCED FROM SMALL MOVEMENTS ON STEPPED JOINTS                                            UKENTY L
 DENNAN, W.H., 1981.  BEDROCK GEOLOGY OF THE CAPE ANN AREA, MASSACHUSETTS; U.S. NUCLEAR REGULATORY COMMISSION, PP. 80.

1177    45.370  - 70.690     7.5000  O  A  COBURN GORE          ME  FM  R   M3                          005      T    US  85 7
 85/04/12/ MN3.5                                                                                                 GSC    M 099 05
 ADAMS & SHARP, 1986                                                                                                190 10
                                                                                                                    343 79

 4    73.300  - 70.700    25.0000  O  C  BAFFIN BAY            OF  FM  S   M7                          163      T    CN  33 5
 331120    MS 7.3    AZP FROM WETMILLER & FORSYTH, 1982                                                      STANFD L 163
 STEIN, S., SLEEP, N.H., GELLER, R.J., WANG, S. AND KROEGER, G.C., 1979. EARTHQUAKES ALONG THE PASSIVE MARGIN OF
   EASTERN CANADA; GEOPHYSICAL RESEARCH LETTERS, VOL. 6, NO. 7, JULY, 1979, PP. 537-540

535    45.970  - 70.790     0.0010  O  C  ST. HONORE            PQ  GL  TF  PG                          155      T    CN  80 1
 7 MM THROW ON 4 FAULTS DIPPING S          SITE # 67                                                            EPB
 ADAMS, J., UNPUBLISHED FIELD OBSERVATIONS

534    45.960  - 70.790     0.0010  O  C  ST. HONORE            PQ  GL  TF  PG                          155      T    CN  80 1
 THRUST BLOCK BOUNDED BY 1 M THRUST FAULTS                                                                       EPB    M
 ADAMS, J., UNPUBLISHED FIELD OBSERVATIONS
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P      Q      V      AZP

554    45.980  - 70.830     0.0010  O  C  ST. HONORE            PQ  GL  TF  PG                        160     T     CN  70 1
  50 MM THROW                                                                                          LDGO   M
  OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

 67    45.300  - 70.900     6.0000  O  B  QUEBEC-MAINE BORDER   PQ  FM  S   M5                        047     SS/T  CN  73 6
  730615    MB 5.0    SEE SEQ # 66 (YANG & AGGARWAL)                                                   ST.LOU M 047 32
  HERRMANN, R.B., 1979. SURFACE WAVE FOCAL MECHANISMS FOR EASTERN NORTH AMERICAN EARTHQUAKES WITH TECTONIC IMPLI-      304 18
    CATIONS; J. GEOPHYSICAL RESEARCH, VOL. 84, NO. B7, JULY 10, 1979, PP. 3543-3552                                   187 51

533    45.970  - 70.940     0.0010  O  C  ST. EVARISTE          PQ  GL  TF  PG                        135     T     CN  80 1
  15 FAULTS DIPPING S WITH THROWS OF 15 MM - 0.5 M                                                     EPB    M
  ADAMS, J., UNPUBLISHED FIELD OBSERVATIONS

 66    45.280  - 70.970     7.0000  O  A  QUEBEC-MAINE BORDER   ME  FM  C   M5                        077     T/SS  US  73 5
  730615    MB 4.8 PREFERRED OVER SEQ # 49 & 67                                                      LDGO   M 077 01
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                               172 64

 26    41.540  - 71.010     3.0000  O  B  NEW BEDFORD           MA  FM  S   M3                        055     T/SS  US  76 6
  760510    M 2.7                                                                                    MIT    S 055 14
  PULLI, J.J. AND TOKSOZ, M.N., 1981. FAULT PLANE SOLUTIONS FOR NORTHEASTERN UNITED STATES EARTHQUAKES; BUL. OF THE      321 25
    SEISMOLOGICAL SOC. OF AMERICA, VOL. 71, NO. 6, DECEMBER , 1981, PP. 1875-1882                                     180 52

 49    45.390  - 71.020     6.0000  O  D  QUEBEC-MAINE BORDER   PQ  FM  S   M5                        009     SS/N  CN  73 6
  730615    MB 4.8    YANG & AGGARWAL, 1971 (SEQ 66) PREFERRED                                         EPB    M 009 33
  WETMILLER, R.J., 1975. THE QUEBEC-MAINE BORDER EARTHQUAKE, 15 JUNE 1973; CANADIAN J. EARTH SCIENCE, VOL. 12,      162 50
    1975, PP.1917-1928                                                                                                 258 13

532    45.870  - 71.030     0.0010  O  C  LAMBTON               PQ  GL  TF  PG                        135     T     CN  80 1
  400 MM THROW ON 4 FAULTS DIPPING SE        SITE # 64                                                   EPB    M
  ADAMS, J., UNPUBLISHED FIELD OBSERVATIONS

685    44.000  - 71.170     0.0005  O  C  NORTH CONWAY           NH  IS  OC      8.6     3.7           064     T     US  84 5
  SITE #3                                                                                              LDGO   S
  PLUMB, R., ENGELDER, T. AND YALE, D., 1984.  NEAR-SURFACE IN SITU-STRESS 3. CORRELATION WITH MICROCRACK FABRIC
    WITHIN THE NEW HAMPSHIRE GRANITES; JOURNAL OF GEOPHYSICAL RESEARCH, VOL.89, PP. 9350-9364.

556    45.700  - 71.200     0.0010  O  C  ST. ROMAIN             PQ  GL  TF  PG                        114     T     CN  70 1
  25 MM THROW                                                                                          LDGO   M
  OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

 39    41.560  - 71.210     1.0000  O  A  PORTSMOUTH            RI  FM  S   M3                        121     T     US  76 5
  760311    MB 3.5                                                                                   LDGO   S 121 09
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF      216 21
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                               011 70

 27    41.560  - 71.210     3.0000  O  C  PORTSMOUTH            RI  FM  S   M3                        051     T     US  76 6
  760311    M 3.5    POOR DATA DISTRIBUTION, SEE SEQ #39 WHICH SHOWS MORE DATA                         MIT    S 051 00
  PULLI, J.J. AND TOKSOZ, M.N., 1981. FAULT PLANE SOLUTIONS FOR NORTHEASTERN UNITED STATES EARTHQUAKES; BUL. OF THE      319 00
    SEISMOLOGICAL SOC. OF AMERICA, VOL. 71, NO. 6, DECEMBER , 1981, PP. 1875-1882                                     051 89
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P      Q      V      AZP

 23    43.040  - 71.240     2.0000  O  B  CANDIA                NH  FM  S   M3                        088      T     US  79 6
 790423    M 3.1                                                                                        MIT     S 088 09
 PULLI, J.J. AND TOKSOZ, M.N., 1981. FAULT PLANE SOLUTIONS FOR NORTHEASTERN UNITED STATES EARTHQUAKES; BUL. OF THE      357 00
   SEISMOLOGICAL SOC. OF AMERICA, VOL. 71, NO. 6, DECEMBER , 1981, PP. 1875-1882                                     212 74

545    41.930  - 71.290     0.0010  O  C  ATTLEBORO             MA  GL  TF  PG                        144      T     US   7 1
 10 MM THROW ON 5 FAULTS                                                                                LDGO    M
 OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
   CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

110    46.820  - 71.340     1.0000  O  A  CHARLESBOURG          PQ  IS  BO                            023      T/SS CN      6
 TWO VERY SMALL BREAKOUTS                                                                               SCHLUM M
 PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
 ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

 21    42.630  - 71.360     1.5000  O  A  CHELMSFORD-LOWELL     MA  FM  S   M3                        042      T/SS US  80 6
 801123    M 2.9                                                                                        MIT     S 042 33
 PULLI, J.J. AND TOKSOZ, M.N., 1981. FAULT PLANE SOLUTIONS FOR NORTHEASTERN UNITED STATES EARTHQUAKES; BUL. OF THE      282 37
   SEISMOLOGICAL SOC. OF AMERICA, VOL. 71, NO. 6, DECEMBER , 1981, PP. 1875-1882                                     161 36

 85    43.660  - 71.380     6.0000  O  C  LAKE WINNIPESAUKEE    NH  FM  S   M2                        109      T/SS US  78 6
 780621    M 1.8    DEPTH ASSUMED                                                                       WESTON S 109 14
 GRAHAM, T. AND CHIBURIS, E.F., 1980. FAULT PLANE SOLUTIONS AND THE STATE OF STRESS IN NEW ENGLAND; EARTHQUAKE      213 45
   NOTES, VOL. 51, NO. 2, APRIL-JUNE 1980, PP.3-12                                                            014 41

557    45.500  - 71.400     0.0010  O  C  SCOTSTOWN             PQ  GL  TF  PG                        135      T     CN  70 1
 6 MM THROW                                                                                             LDGO    M
 OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
   CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

 28    42.480  - 71.460     3.0000  O  A  ACTON                 MA  FM  S   M2                        015      T     US  78 6
 780901    M 1.8                                                                                        MIT     S 015 28
 PULLI, J.J. AND TOKSOZ, M.N., 1981. FAULT PLANE SOLUTIONS FOR NORTHEASTERN UNITED STATES EARTHQUAKES; BUL. OF THE      274 14
   SEISMOLOGICAL SOC. OF AMERICA, VOL. 71, NO. 6, DECEMBER , 1981, PP. 1875-1882                                     162 52

 86    43.090  - 71.520     6.0000  O  D  MANCHESTER            NH  FM  S   M2                        124      T     US  78 6
 780320    M 2.4    DEPTH ASSUMED, FEW POLARITIES                                                       WESTON S 124 05
 GRAHAM, T. AND CHIBURIS, E.F., 1980. FAULT PLANE SOLUTIONS AND THE STATE OF STRESS IN NEW ENGLAND; EARTHQUAKE      038 00
   NOTES, VOL. 51, NO. 2, APRIL-JUNE 1980, PP.3-12                                                            000 90

104    46.500  - 71.570     1.0000  O  A  ST-FLAVIEN            PQ  IS  BO                            062      T/SS CN      6
                                                                                                        SCHLUM M
 PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
 ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

 99    46.660  - 71.570     1.0000  O  A  ST-APOLLINAIRE        PQ  IS  BO                            060      T/SS CN      6
                                                                                                        SCHLUM M
 PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
 ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

107    46.520  - 71.580     1.0000  O  A  ST-FLAVIEN            PQ  IS  BO                            062      T/SS CN      6
                                                                                                        SCHLUM M
 PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
 ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

105     46.510  - 71.600     1.0000  O  B  ST-FLAVIEN           PQ  IS  BO                                066      T/SS CN      6
                                                                                                                    SCHLUM M
  PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
  ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

108     46.490  - 71.610     1.0000  O  B  ST-FLAVIEN           PQ  IS  BO                                053      T/SS CN      6
  ROTATION IS WITH DEPTH                                                                                            SCHLUM M
  PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
  ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

 92     43.520  - 71.610     3.0000  O  C  GAZA                 NH  FM  S   M4                            065      SS/N US   82 6
  820119    MB 4.6    AZP FROM ABSTRACT AND DRAFT BY SAUBER                                                       MIT     M 245 30
  PULLI, J.J., NABELEK, J.L. AND SAUBER, J.M., 1983.  SOURCE PARAMETERS OF THE JANUARY 19, 1982 GAZA, NH EARTHQUAKE;      055 70
    EARTHQUAKE NOTES, VOL. 54, NO. 3, P. 28                                                                           330 10

 87     43.100  - 71.630     6.0000  O  D  DUNBARTON            NH  FM  S   M3                            286      ?    US   78 6
  780331    M 2.7    DEPTH ASSUMED                                                                               WESTON S 286 17
  GRAHAM, T. AND CHIBURIS, E.F., 1980. FAULT PLANE SOLUTIONS AND THE STATE OF STRESS IN NEW ENGLAND; EARTHQUAKE        028 35
    NOTES, VOL. 51, NO. 2, APRIL-JUNE 1980, PP.3-12                                                                   171 53

 25     43.190  - 71.650     3.0000  O  A  HOPKINTON            NH  FM  S   M3                            292      T/SS US   77 6
  771225    M 3.2                                                                                               MIT     S 292 19
  PULLI, J.J. AND TOKSOZ, M.N., 1981. FAULT PLANE SOLUTIONS FOR NORTHEASTERN UNITED STATES EARTHQUAKES; BUL. OF THE      027 38
    SEISMOLOGICAL SOC. OF AMERICA, VOL. 71, NO. 6, DECEMBER , 1981, PP. 1875-1882                                    189 42

683     42.850  - 71.650     0.0005  O  C  MILFORD               NH  IS  OC      26.7    4.5                 113      T    US   84 5
  SITE #1                                                                                                           LDGO    S
  PLUMB, R., ENGELDER, T. AND YALE, D., 1984.  NEAR-SURFACE IN SITU-STRESS 3. CORRELATION WITH MICROCRACK FABRIC
    WITHIN THE NEW HAMPSHIRE GRANITES; JOURNAL OF GEOPHYSICAL RESEARCH, VOL.89, PP. 9350-9364.

 38     43.190  - 71.650     1.0000  O  A  CONCORD               NH  FM  S   M3                            120      T/SS US   77 5
  771225    MB 3.2                                                                                              LDGO    S 120 10
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF      213 28
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                              025 62

103     46.400  - 71.660     1.0000  O  A  ST-FLAVIEN           PQ  IS  BO                                047      T/SS CN      6
                                                                                                                    SCHLUM M
  PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
  ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

109     46.350  - 71.700     1.0000  O  A  PLESSISVILLE          PQ  IS  BO                                051      T/SS CN      6
                                                                                                                    SCHLUM M
  PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
  ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

684     42.810  - 71.710     0.0005  O  C  MILFORD               NH  IS  OC      6.5     2.6                 030      T    US   84 5
  SITE #2                                                                                                           LDGO    S
  PLUMB, R., ENGELDER, T. AND YALE, D., 1984.  NEAR-SURFACE IN SITU-STRESS 3. CORRELATION WITH MICROCRACK FABRIC
    WITHIN THE NEW HAMPSHIRE GRANITES; JOURNAL OF GEOPHYSICAL RESEARCH, VOL.89, PP. 9350-9364.

531     45.660  - 71.740     0.0010  O  C  ST. CAMILLE           PQ  GL  TF  PG                            140      T    CN   80 1
  30 MM THROW ON 6 FAULTS DIPPING NNW        SITE # 63                                                                EPB     M
  ADAMS, J., UNPUBLISHED FIELD OBSERVATIONS
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
1175	43.580	- 71.800	0.5000	O	B	CONWAY	NH	IS	HF					060	? LDGO	US M	86 6

1 KM DEEP HOLE IN CONWAY GRANITE
EVANS, K.F., 1986, HORIZONTAL FRACTURING DURING HYDROFRAC STRESS MEASUREMENTS IN CONWAY GRANITE; EOS,VOL 67 NO 44,1986, P#1206-1207

558	45.500	- 71.800	0.0010	O	C	STOKE CENTRE	PQ	GL	TF	PG				125	T LDGO	CN M	70 1

44 MM THROW
OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC. CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

530	45.440	- 72.020	0.0010	O	C	ST DENIS DE BROMPTON	PQ	GL	TF	PG				124	T EPB	CN M	80 1

15 MM THROW ON 2 FAULTS DIPPING S SITE # 61
ADAMS, J., UNPUBLISHED FIELD OBSERVATIONS

555	45.440	- 72.020	0.0010	O	C	ST DENIS DE BROMPTON	PQ	GL	TF	PG				138	T LDGO	CN M	70 1

6 MM THROW
OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC. CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

553	45.600	- 72.200	0.0010	O	C	RICHMOND	PQ	GL	TF	PG				141	T LDGO	CN M	70 1

10 MM THROW ON 1 FAULT
OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC. CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

88	43.860	- 72.260	6.0000	O	D	LAKE FAIRLEE	VT	FM	S	M2				031	? WESTON	US S	77 6 031 30 286 35 140 47

770505 M 2.1 DEPTH ASSUMED, FEW POLARITIES
GRAHAM, T. AND CHIBURIS, E.F., 1980. FAULT PLANE SOLUTIONS AND THE STATE OF STRESS IN NEW ENGLAND; EARTHQUAKE NOTES, VOL. 51, NO. 2, APRIL-JUNE 1980, PP.3-12

1085	41.500	- 72.300	0.0000	O	D	SALEM	CT	GL	OB	CT				148	T	US M	79 5

OFFSET CORE HOLES INDICATE STRESS RELIEF ON PREEXISTING FAULTS, Z+Z.CT-1.
BLOCK, J.W., CLEMENT, R.C., LEW, L.R., AND DE BOER, J., 1979. RECENT THRUST FAULTING IN SOUTHEASTERN CONNECTICUT, GEOLOGY, VOL.7, P. 79-82.

115	46.000	- 72.340	1.0000	O	A	STE-CLOTHIDE	PQ	IS	BO					052	T/SS SCHLUM	CN M	6

PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

111	46.370	- 72.410	1.0000	O	A	CAP-DE-LA-MADELEINE	PQ	IS	BO					053	T/SS SCHLUM	CN M	6

PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

102	45.800	- 72.430	1.0000	O	B	ST-CYRILLE	PQ	IS	BO					043	T/SS SCHLUM	CN M	6

PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

990	44.190	- 72.510	0.0004	O	D	BARRE	VT	IS	OC		16.91	8.87		167	T USBM	US S	67 3

AT BOTTOM OF GRANITE QUARRY
HOOKER, V.E. AND JOHNSON, C.F., 1967, IN SITU STRESSES ALONG THE APPALACHIAN PIEDMONT, PROCEEDINGS OF THE 4TH ROCK MECHANICS SYPMPOSIUM, OTTAWA, MARCH 29-30,1967, EMR.

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

992     44.190  - 72.510     0.0004  A  D  BARRE                 VT  IS  OC                                012  27  T    US  67 3
  AVERAGE OF 2 ENTRIES SEQ# 990-991                                                                              USBM  S
  HOOKER, V.E. AND JOHNSON, C.F., 1967, IN SITU STRESSES ALONG THE APPALACHIAN PIEDMONT,
    PROCEEDINGS OF THE 4TH ROCK MECHANICS SYPMPOSIUM, OTTAWA, MARCH 29-30,1967, EMR.

991     44.190  - 72.510     0.0003  O  D  BARRE                 VT  IS  OC      2.05    0.56            037     T    US  67 3
  AT BOTTOM OF GRANITE QUARRY                                                                                    USBM  S
  HOOKER, V.E. AND JOHNSON, C.F., 1967, IN SITU STRESSES ALONG THE APPALACHIAN PIEDMONT,
    PROCEEDINGS OF THE 4TH ROCK MECHANICS SYPMPOSIUM, OTTAWA, MARCH 29-30,1967, EMR.

80      41.140  - 72.570     5.0000  O  A  LONG ISLAND SOUND      NY  FM  S   M3                          139     T    US  81 6
  811021    M 3.4                                                                                                MIT   S 139 14
  PULLI, J.J. AND GODKIN, C.B., 1981. THE LONG ISLAND SOUND, NEW YORK, EARTHQUAKE OF OCTOBER 21, 1981; EARTHQUAKE  229 22
    NOTES, VOL. 52, NO. 4, OCTOBER-DECEMBER 1981, PP.23-27                                                        020 58

100     46.180  - 72.630     1.0000  O  A  NICOLET               PQ  IS  BO                                046     T/SS CN      6
                                                                                                                   SCHLUM M
  PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
  ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

106     45.740  - 72.770     1.0000  O  A  ST-HUGUAS              PQ  IS  BO                                035     T/SS CN      6
                                                                                                                   SCHLUM M
  PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
  ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

814     40.920  - 72.790    18.0000  O  A  E. LONG ISLAND         NY  IS  GS                                058  13  -    US  85 2
  GEODETIC STRAIN 1939-1967                                                                                        USGS  E
  ZOBACK, M.D., W.H. PRESCOTT AND S.W. KRUEGER, 1985.  EVIDENCE FOR LOWER CRUSTAL DUCTILE STRAIN LOCALIZATION IN SOUTHERN
    NEW YORK; NATURE (317) OCT. 24/85, pp. 705-707.

112     45.760  - 72.800     1.0000  O  A  ST-HUGUAS              PQ  IS  BO                                030     T/SS CN      6
                                                                                                                   SCHLUM M
  PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BORHOLE
  ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

424     71.310  - 73.020     7.0000  P  A  BAFFIN ISLAND          NT  FM  S   M6                         -188     N    CN  63 5
  630904  MB 5.9  SIMILAR TO SEQ #2 AND SEQ #73                                                                   CALTEC L 019 72
  LIU, H.-L. AND KANAMORI, H., 1980. DETERMINATION OF SOURCE PARAMETERS OF MID-PLATE EARTHQUAKES FROM THE WAVEFORMS  101 14
    OF BODY WAVES; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 70, NO. 6, DECEMBER, 1980, PP. 1989-2004        188 18

987     43.690  - 73.210     0.0004  S  D  PROCTOR               VT  IS  OC      9.84    3.24            005     T    US  67 3
  DOLOMITE                                                                                                         USBM  S
  HOOKER, V.E. AND JOHNSON, C.F., 1967, IN SITU STRESSES ALONG THE APPALACHIAN PIEDMONT,
    PROCEEDINGS OF THE 4TH ROCK MECHANICS SYMPOSIUM, OTTAWA, MARCH 29-30,1967, EMR

989     43.690  - 73.210     0.0004  A  D  PROCTOR               VT  IS  OC                                171  15  T    US  67 3
  AVERAGE OF 2 VALUES SEQ# 987-988                                                                               USBM  S
  HOOKER, V.E. AND JOHNSON, C.F., 1967, IN SITU STRESSES ALONG THE APPALACHIAN PIEDMONT,
    PROCEEDINGS OF THE 4TH ROCK MECHANICS SYMPOSIUM, OTTAWA, MARCH 29-30,1967, EMR

988     43.690  - 73.210     0.0004  S  D  PROCTOR               VT  IS  OC      7.81    3.56            156     T    US  67 3
  DOLOMITE                                                                                                         USBM  S
  HOOKER, V.E. AND JOHNSON, C.F., 1967, IN SITU STRESSES ALONG THE APPALACHIAN PIEDMONT,
    PROCEEDINGS OF THE 4TH ROCK MECHANICS SYMPOSIUM, OTTAWA, MARCH 29-30,1967, EMR
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

550    43.580  - 73.260     0.0010  O  C  FAIR HAVEN             VT  GL  TF  PG                          110      T     US  70 1
  2 FAULTS, 20 MM THROW                                                                                   LDGO   M
  OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

  2    71.400  - 73.300     7.0000  O  A  BAFFIN ISLAND          NT  FM  S   M6                         -199      N     CN  63 5
  630904   Ms 6.2   SUPERCEDES SYKES, SEQ # 0073                                                         STANFD L 019 65
  STEIN, S., SLEEP, N.H., GELLER, R.J., WANG, S. AND KROEGER, G.C., 1979. EARTHQUAKES ALONG THE PASSIVE MARGIN OF
    EASTERN CANADA; GEOPHYSICAL RESEARCH LETTERS, VOL. 6, NO. 7, JULY, 1979, PP. 537-540                                109 05
                                                                                                                        199 35

 73    71.400  - 73.300    33.0000  P  C  BAFFIN ISLAND          NT  FM  S   M6                         -186      N     CN  63 5
  630904    MS 6.2    SUPERCEDED BY SEQ 0002                                                              LDGO   L 352 74
  SYKES, L.R., 1970. FOCAL MECHANISM SOLUTIONS FOR EARTHQUAKES ALONG THE WORLD RIFT SYSTEM; BULL. OF THE SEISMO-
    LOGICAL SOC. OF AMERICA, VOL. 60, NO. 5, OCTOBER 1970, PP. 1749-1752                                              094 04
                                                                                                                        186 24

806    71.400  - 73.300     7.0000  P  E  BAFFIN ISLAND          NT  FM  S   M6                          345      SS/T CN  63 6
  630904:  Mb 5.6 - USED BAD DATA SEE SEQ 002                                                             CIRES  L 345 36
  QAMAR, ANTHONY, 1974.  SEISMICITY OF THE BAFFIN BAY REGION;
    BULL. SEISMOLOGICAL SOC. OF AMERICA, 64(1), 87-98, FEBRUARY.                                                      112 60
                                                                                                                        239 34

813    40.790  - 73.370    18.0000  O  A  W. LONG ISLAND         NY  IS  GS                          155  09  -     US  85 2
  GEODETIC STRAIN 1932-1967                                                                               USGS   E
  ZOBACK, M.D., W.H. PRESCOTT AND S.W. KRUEGER, 1985.  EVIDENCE FOR LOWER CRUSTAL DUCTILE STRAIN LOCALIZATION IN SOUTHERN
    NEW YORK; NATURE (317) OCT. 24/85, pp. 705-707.

966    44.530  - 73.410    18.0000  O  C  PLATTSBURG            NY  FM  S   M2                          085          US  83 6
  831210 ; Mb=2.7 ; AZP RELATIVELY WELL CONSTRAINED ; MECHANISM COULD BE  T OR SS.                         EPB    S
  WAHLSTROM,R., 1986; FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO, NORTHEASTERN NEW YORK
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION

951    45.440  - 73.440    18.0000  O  B  LA PRAIRIE            PQ  FM  R   M3                          333      SS/T CN  82 6
  821124   Mn 2.9                                                                                         EPB    M 333 07
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK230 60
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                067 29

968    44.970  - 73.490    18.0000  O  C  ROUSES POINT           NY  FM  S   M3                          350      SS/T US  84 6
  840820   Mn 3.1                                                                                         EPB    M 350 25
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK086 20
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                200 55

559    42.280  - 73.530     0.0010  O  C  TACONIC STATE PKY.     NY  GL  TF  PG                          122      T     US  70 1
  10 MM THROW                                                                                             LDGO   M
  OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

591    44.190  - 73.560     0.0010  O  C  ADIRONDACK MTS.        NY  GL  TF  PG                          138      T     US  85 1
  SITE 5; VERTICAL JOINT DOWNTHROWN 1.5 MM ON SE SIDE                                                     NYSGS  S
  ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
    U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

 43    44.890  - 73.570    13.0000  O  A  ALTONA                NY  FM  C   M4                          253      T     US  75 5
  750609    MB 4.2    MAIN + AFTERSHOCKS                                                                    LDGO   M 253 08
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                              163 00
                                                                                                                        075 84
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SEQ     LAT       LON       DEPTH     N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

1173    41.180  - 73.570     1.0000  O  A  PEEKSKILL             NY  IS  BO                                055  10  -     US  85 6
  KENT CLIFFS WELL, 1 KM DEEP IN AMPHIBOLITE AND GNEISS                                                      USGS  M
  ZOBACK, M.D., 1985, IN-SITU STRESS MEASUREMENTS IN A 1 KM-DEEP WELL NEAR THE RAMAPO FAULT ZONE; EOS, VOL 66
  NO 18, 1985, P#363

508     45.700  - 73.600     0.0010  O  C  TERREBONNE            PQ  GL  BU  CT                            070      T    CN  74 1
  100 M LONG, 0.5 M HIGH     SIMILAR FEATURE IN QUARRY 0.5 KM WEST                                              MCGILL M
  SAULL, V.A. AND WILLIAMS, D.A., 1974. EVIDENCE FOR RECENT DEFORMATION IN THE MONTREAL AREA; CANADIAN JOURNAL OF
    EARTH SCIENCES, VOL. 11, NO. 12, DECEMBER, 1974, PP.1621-1624

962     44.940  - 73.650     3.5000  O  B  ROUSES POINT          NY  FM  S   M3                            084      T    US  75 6
  750609   Mn 3.5                                                                                            EPB   M 084 05
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK171 15
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                 320 75

549     42.610  - 73.650     0.0010  O  C  DEFREESTVILLE          NY  GL  TF  PG                            103      T    US  70 1
  0.3 M THROW ON 7 FAULTS DIPPING STEEPLY                                                                    LDGO  M
  OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

546     41.940  - 73.660     0.0010  O  C  BULLS HEAD ROAD        NY  GL  TF  PG                            114      T    US  70 1
  6 MM THROW ON 5 FAULTS DIPPING VERTICALLY                                                                  LDGO  M
  OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

596     42.830  - 73.660     0.0010  O  C  PUMPKIN HOLLOW         NY  GL  TF  PG                            130      T    US  70 1
  REVERSE FAULTS CUTTING PLEISTOCENE GRAVELS, FAULTS DIP 65 SE                                               LDGO  S
  OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

548     42.200  - 73.700     0.0010  O  C  COPAKE                NY  GL  TF  PG                            102      T    US  70 1
  20 MM THROW (OLIVER)       45 FAULTS       0.6 MM THROW (WOODWORTH)                                                  LDGO
  OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

560     42.700  - 73.700     0.0010  O  C  TROY                   NY  GL  TF  PG                            137      T    US  70 1
  25 MM THROW                                                                                                LDGO  M
  OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

552     42.060  - 73.740     0.0010  O  C  PUMPKIN HOLLOW         NY  GL  TF  PG                            135      T    US  70 1
  25 MM THROW                                                                                                LDGO  M
  WOODWORTH, J.B., 1907. POSTGLACIAL FAULTS OF EASTERN NEW YORK; NEW YORK STATE MUSEUM BULLETIN 102, GEOLOGY 12,
    PP. 5-28

551     42.060  - 73.740     0.0010  O  C  PUMPKIN HOLLOW         NY  GL  TF  PG                            117      T    US  70 1
  20 MM THROW                                                                                                LDGO  M
  OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC.
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

33      41.130  - 73.760     5.3000  O  B  MT. PLEASANT           NY  FM  S   M2                            285      SS/T US  76 5
  760820    MB 2.5                                                                                           LDGO  S 285 30
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF     029 26
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                             158 47
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

1081    41.430  - 73.780     0.5000  O  A  WESTCHESTER CO.       NY  IS  BO                                055      T     US      5
   NO DATA SUPPLIED, DEPTHS ASSUMED                                                                                     M
   ZOBACK AND ZOBACK STRESS DATA FILE SEQ #NY-22

  29    41.430  - 73.790     3.0000  O  A  MAHOPAC              NY  FM  S   M2                                135      T     US  75 5
   750719    MB 2.3                                                                                            LDGO    S 135 30
   YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF        233 05
     GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                                333 58

 590    43.540  - 73.830     0.0010  O  C  ADIRONDACK MTS.       NY  GL  TF  PG                                150  11  T     US  85 1
   SITE 4; 7.5 MM DIP-SLIP ON 4 FAULTS                                                                          NYSGS   S
   ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
     U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

 587    43.690  - 73.840     0.0010  O  C  ADIRONDACK MTS.       NY  GL  TF  PG                                063      T     US  85 1
   SITE 1; VERTICAL JOINT DOWNTHROWN 0.8 MM ON NE SIDE                                                          NYSGS   S
   ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
     U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

1004    45.030  - 73.850     0.0010  O  D  COVEY HILL           PQ  GL  PU  PG                                003              CN  66 4
   POPUP IN LIMESTONE (CLARK : ANTICLINE), STRIKE TAKEN FROM MAP.                                               QUEDNR  M
   CLARK, T.H., 1966. CHATEAUGUAY AREA; QUEBEC DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL REPORT 122, 63pp

 588    43.800  - 73.850     0.0010  O  C  ADIRONDACK MTS.       NY  GL  TF  PG                                094      T     US  85 1
   SITE 2; VERTICAL JOINT DOWNTHROWN 0.5 MM ON W SIDE                                                           NYSGS   S
   ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
     U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

  34    40.990  - 73.860     5.0000  O  A  SCARSDALE            NY  FM  S   M2                                294      T     US  76 5
   761122    MB 1.9                                                                                            LDGO    S 294 25
   YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF        026 05
     GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                                037 64

  46    44.390  - 73.890     3.0000  O  B  WILMINGTON            NY  FM  S   M3                                064      SS/T  US  77 5
   770928    MB 3.1                                                                                            LDGO    S 064 36
   YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF        301 42
     GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                                180 34

 955    45.670  - 73.900    18.0000  O  A  STE-THERESE           PQ  FM  R   M3                                203      T     CN  83 6
   831101    Mn 3.4                                                                                            EPB     M 203 15
   WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK110 10
     WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                  347 72

 507    45.600  - 73.900     0.0010  O  C  ST. EUSTACHE          PQ  GL  BU  CT                                045      T     CN  70 1
   2 DOMES 30 M AND 45 M LONG, 1 M HIGH                                                                         MCGILL  M
   SAULL, V.A. AND WILLIAMS, D.A., 1974. EVIDENCE FOR RECENT DEFORMATION IN THE MONTREAL AREA; CANADIAN JOURNAL OF
     EARTH SCIENCES, VOL. 11, NO. 12, DECEMBER, 1974, PP.1621-1624

  79    41.310  - 73.920     1.5000  O  A  ANNSVILLE             NY  FM  C   M3                                259      T     US  80 6
   JANUARY 1980    M 2.9                                                                                        WOODCC  S 259 17
   SEBOROWSKI, K.D., WILLIAMS, G., KELLEHER, J.A. AND STATTON, C.T., 1982. TECTONIC IMPLICATIONS OF RECENT EARTH-        168 02
     QUAKES NEAR ANNSVILLE, NEW YORK; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 72, NO. 5, PP. 1601-1609          56  69
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

 812    41.340  - 73.920    18.0000  O  A  S. NY STATE         NY  IS  GS                                003  07  -     US  85 2
   GEODETIC STRAIN 1862-1973                                                                                      USGS  E
   ZOBACK, M.D., W.H. PRESCOTT AND S.W. KRUEGER, 1985.  EVIDENCE FOR LOWER CRUSTAL DUCTILE STRAIN LOCALIZATION IN SOUTHERN
     NEW YORK; NATURE (317) OCT. 24/85, pp. 705-707.

  78    41.310  - 73.920     1.8700  O  B  ANNSVILLE          NY  FM  S   M2                                220      T    US  77 6
   770902    MBLG 2.5                                                                                            WOODCC S 220 20
   SEBOROWSKI, K.D., WILLIAMS, G., KELLEHER, J.A. AND STATTON, C.T., 1982. TECTONIC IMPLICATIONS OF RECENT EARTH-      143 09
     QUAKES NEAR ANNSVILLE, NEW YORK; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 72, NO. 5, PP. 1601-1609      012 60

 594    42.640  - 73.920     0.0010  O  C  J.B. THATCHER PARK  NY  GL  TF  PG                                130      T    US  35 1
   630 MM THROW ON 4 FAULTS                                                                                            S
   GOLDRING 1935

  69    41.630  - 73.940     1.0000  O  A  WAPPINGER FALLS     NY  FM  C   M3                                050      T    US  75 6
   750607    MB 3.3    TRIGGERED BY QUARRYING: SEE SEQ # 68                                                      LDGO   S 050 15
   POMEROY, P.W., SIMPSON, D.W. AND SBAR, M.L., 1976. EARTHQUAKES TRIGGERED BY SURFACE QUARRYING-THE WAPPINGERS FALLS  141 00
     NEW YORK SEQUENCE OF JUNE, 1974; BULL. OF THE SEISMOLOGICAL SOC. OF AMERICA, VOL. 66, NO. 3, JUNE 1976, PP. 685-700  230 74

  68    41.630  - 73.950     1.5000  O  A  WAPPINGER FALLS     NY  FM  C   M3                                115      T    US  74 5
   740607    MB 3.3    SEE ALTERNATIVE SEQ # 69                                                                  LDGO   S 115 23
   YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF  204 08
     GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                            331 75

  30    41.290  - 73.950     7.9000  O  C  INDIAN POINT        NY  FM  S   M2                                300      T    US  76 5
   760922  Mb = 1.8, SUPERCEEDED BY SEQ #1134.                                                                    LDGO   S 300 15
   YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF  211 05
     GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                            311 71

  32    41.140  - 73.950     3.0000  O  B  LAKE DE FOREST      NY  FM  S   M2                                276      T    US  75 5
   750822    MB 2.3                                                                                              LDGO   S 276 18
   YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF  186 05
     GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                            096 72

1134    41.285  - 73.952     7.8000  O  A  INDIAN POINT        NY  FM  S   M2                                077      T    US  76 5
   760922  SUPERCEEDS SEQ #30; SEE ALSO CLARIFICATION IN EQ NOTES.                                                WOODCL S 077 06
   QUITTMEYER, R.C., STATTON, C.T., MROTEK, K.A. AND HOULDAY, M., 1985.  POSSIBLE IMPLICATIONS OF RECENT MICROEARTHQUAKES  171 16
     IN SOUTHERN NEW YORK STATE; EARTHQUAKE NOTES, VOL. 56, P. 35-60.                                                320 72

 967    45.210  - 73.960    10.0000  O  A  ST. LOUIS           PQ  FM  S   M3                                097      T/SS CN  83 6
   831221    Mn 3.0                                                                                              EPB    M 097 25
   WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK207 35
     WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION              345 40

1135    41.260  - 73.960     9.7000  O  A  VERPLANCK           NY  FM  C   M1                                042      T    US  83 5
   830913  MICROEARTHQUAKE SWARM                                                                                 WOODCL S 042 20
   QUITTMEYER, R.C., STATTON, C.T., MROTEK, K.A. AND HOULDAY, M., 1985.  POSSIBLE IMPLICATIONS OF RECENT MICROEARTHQUAKES  324 10
     IN SOUTHERN NEW YORK STATE; EARTHQUAKE NOTES, VOL. 56, P. 35-60.                                                187 64

  41    45.040  - 74.030     3.0000  O  A  VALLEYFIELD         PQ  FM  C   M3                                249      T    CN  74 5
   741221  Mb 2.9 (2 M2.9 EQ'S; 741221 & 760713)                                                                 LDGO   S 249 06
   YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF  346 10
     GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                            140 83
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

 96    42.622  - 74.049    18.0000  O  A  EAST BERNE           NY  FM  S   M2                          243      T/SS US  82 6
 820208    MC 2.6                                                                                        WOODCC S 243 10
 HOULDAY, M., QUITTMEYER, R., MROTEK, K., et al,1984, RECENT SEISMICITY IN NORTH- AND EAST- CENTRAL NEW YORK STATE.      156 39
   EARTHQUAKE NOTES, VOL. 55, pp.16-20                                                                                 000 49

 35    40.830  - 74.050     2.5000  O  A  RIDGE FIELD          NJ  FM  S   M3                          260      SS   US  76 5
 760413    MB 3                                                                                          LDGO   S 260 32
 YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF       038 26
   GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                              133 45

705    44.060  - 74.070     0.0001  O  E  NEWCOMB              NY  IS  OC                              135      T    US  76 1
 SITE 11 FIG. 1                                                                                                LDGO   S
 PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
 INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

940    45.170  - 74.100     9.0000  O  B  ORMSTOWN             PQ  FM  R   M3                          060      T/SS CN  76 6
 760713     Mn 3.1                                                                                        EPB    M 060 11
 WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK319 40
   WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                 163 48

  9    46.300  - 74.100     7.0000  O  A  ST-DONAT             PQ  FM  S   M4                          250      T    CN  79 5
 780218    MN 4.1    AFTERSHOCK POLARITIES AGREE WITH MAIN ME                                              EPB    M 250 04
 HORNER, R.B., WETMILLER, R.J. AND HASEGAWA, H.S., 1979. THE ST-DONAT, QUEBEC, EARTHQUAKE SEQUENCE OF FEBRUARY 18-     160 03
   23, 1978; CAN. J. EARTH SCI., VOL. 16, 1979, PP. 1892-1898                                                       040 81

 95    42.582  - 74.110    13.0000  O  A  EAST BERNE           NY  FM  S   M2                          083      T    US  82 6
 821213    MC 2.1                                                                                        WOODCC S 083 10
 HOULDAY, M., QUITTMEYER, R., MROTEK, K., et al,1984, RECENT SEISMICITY IN NORTH- AND EAST- CENTRAL NEW YORK STATE.      178 21
   EARTHQUAKE NOTES, VOL. 55, pp.16-20                                                                               313 63

 31    41.180  - 74.150     6.0000  O  A  SUFFERN              NY  FM  S   M2                          116      T    US  77 5
 770310    MB 2.2                                                                                        LDGO   S 116 23
 YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF       211 16
   GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                              322 59

679    44.010  - 74.160     8.0000  O  A  GOODNOW              NY  FM  S   M5                          067      T    US  83 5
 831007   Ms 5.1  , SUPERCEDES SEQ# 932                                                                   LDGO   L 067
 SEEBER, L., AND K. COLES, 1984.  SEISMICITY IN THE CENTRAL ADIRONDACKS WITH EMPHASIS ON THE GOODNOW, OCT.7/83 EPICENTRAL
   ZONE AND ITS GEOLOGY; GUIDEBOOK, 56TH ANNUAL MEETING, SEPT. 20-23, 1984, HAMILTON COLLEGE, CLINTON, N.Y.  P. 334-352.

932    44.010  - 74.160     8.0000  P  A  GOODNOW              NY  FM  M   M5                          267      T    US  83 5
 831007  Mb 5.1 , SUPERCEDED BY SEQ# 679                                                                  HARVD  L 267 22
 DZIEWONSKI, A.M., FRANZEN, J.E., AND WOODHOUSE, J.H., 1984.  CENTROID-MOMENT TENSOR SOLUTIONS FOR                 000 07
   OCTOBER - DECEMBER, 1983.  PHYS. EARTH PLANETARY INTER. , VOL.34, pp 129-136.                                    108 66

 94    42.563  - 74.210    12.0000  O  B  MIDDLEBURG           NY  FM  S   M2                          041      T/SS US  80 6
 800229    MC 2.4                                                                                        WOODCC S 041 13
 HOULDAY, M., QUITTMEYER, R., MROTEK, K., et al,1984, RECENT SEISMICITY IN NORTH- AND EAST- CENTRAL NEW YORK STATE.      155 33
   EARTHQUAKE NOTES, VOL. 55, pp.16-20                                                                               315 29

592    43.210  - 74.210     0.0010  O  C  ADIRONDACK MTS.       NY  GL  TF  PG                          177      T    US  85 1
 SITE 6; VERTICAL JOINT DOWNTHROWN 0.5 MM ON NW SIDE                                                           NYSGS  S
 ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
   U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P      Q      V      AZP

 961    45.730  - 74.240     5.0000  O  A  ST - CANUT           PQ  FM  S   M3                        268      SS/T CN  75 6
  750403   Mn 3.1                                                                                        EPB    M 268 03
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK169 50
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                    010 35

1178    45.530  - 74.240    16.0000  O  B  LACHUTE             PQ  FM  R   M3                        201      T    CN  86 7
  86/07/20 MN2.8                                                                                        GSC    S 201 10
  ADAMS & SHARP, 1986                                                                                             110 05
                                                                                                                  354 79

1075    45.100  - 74.250    10.0000  O  A  HUNTINGTON          PQ  FM  R   M3                        110      T    CN  86 5
  860813  MN 3.3                                                                                        GSC    M 110 00
  ADAMS, J. AND STAGG, M.C.; UNPUBLISHED FOCAL MECHANISMS                                                         200 10
                                                                                                                  020 80

 704    43.980  - 74.300     0.0001  O  E  LONG LAKE           NY  IS  OC                            047          US  76 1
  SITE 10 FIG. 1                                                                                        LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

 589    43.500  - 74.330     0.0010  O  C  ADIRONDACK MTS.      NY  GL  TF  PG                       -177      N    US  85 1
  SITE 3; SE DIPPING JOINT DOWN THROWN 15mm ON SE SIDE, ALSO 0.5mm N20E JOINT.                          NYSGS  S
  ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
    U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

  36    40.950  - 74.350     1.0000  O  C  POMPTON LAKES        NJ  FM  S   M2                        118      ?    US  76 5
  760311    MB 2.6                                                                                      LDGO   S 118 38
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF       031 00
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                          303 52

  40    45.640  - 74.370     3.0000  P  A  LACHUTE             PQ  FM  S   M4                        035      T    CN  78 5
  780730  Mb 3.8,  SEQ# 941 PREFERRED                                                                    LDGO   M 035 08
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF       126 14
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                          269 78

 948    45.780  - 74.380    18.0000  O  A  ST. JEROME           PQ  FM  M   M3                        345      T    CN  81 6
  810920    Mn 2.8                                                                                      EPB    S 345 05
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK076 05
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                    210 83

 963    45.980  - 74.410    18.0000  O  C  STE-AGATHE-DES-MONTS PQ  FM  S   M3                        250      SS/T CN  77 6
  770714    Mn 3.4                                                                                      EPB    M 250 30
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK000 20
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                    115 50

 703    44.000  - 74.420     0.0001  O  E  LONG LAKE           NY  IS  OC      13.5    1.6               130      T    US  76 1
  SITE 9 FIG. 1                                                                                         LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

 702    43.970  - 74.430     0.0001  O  E  LONG LAKE           NY  IS  OC      2.6     1.7               160      T    US  76 1
  SITE 8 FIG. 1                                                                                         LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

724     43.870  - 74.440     0.0005  O  D  BLUE MOUNTAIN LAKE    NY  IS  OC                                126          US  78 1
  SITE 6 TABLE 2                                                                                          LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

593     43.870  - 74.440     0.0010  O  C  ADIRONDACK MTS.       NY  GL  TF  PG                            070      T   US  85 1
  SITE 7; VERTICAL JOINT DOWNTHROWN 11 MM ON SW SIDE                                                      NYSGS  S
  ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
    U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

941     45.680  - 74.440    18.0000  O  A  LACHUTE              PQ  FM  R   M3                            069     T/SS CN  78 6
  780730   Mn 3.6   SEE ALSO SEQ# 40                                                                     EPB    M 069 11
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK170 45
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                 329 43

700     43.870  - 74.440     0.0005  O  D  BLUE MOUNTAIN LAKE    NY  IS  OC      15.1    -0.2                135          US  78 1
  SITE 6 FIG. 1                                                                                           LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

726     43.870  - 74.440     0.0005  O  C  BLUE MOUNTAIN LAKE    NY  IS  HF                            113  03          US  80 1
  SITE 6 TABLE 3; AVERAGE 115, 110 FRACTURES                                                              LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

 48     43.810  - 74.450     3.0000  O  A  BLUE MOUNTAIN LAKE    NY  FM  C   M3                            251      T   US  71 5
  710508   Mb 3.2  MAIN PLUS AFTERSHOCKS                                                                 LDGO   S 251 18
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF        339 00
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                                070 73

701     43.950  - 74.450     0.0005  O  D  LONG LAKE            NY  IS  OC      7.6     3.8                 042      T   US  78 1
  SITE 7 FIG. 1                                                                                           LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

698     43.860  - 74.450     0.0005  O  D  BLUE MOUNTAIN LAKE    NY  IS  OC                                035          US  78 1
  SITE 4 FIG. 1                                                                                           LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

727     43.950  - 74.450     0.0005  O  C  LONG LAKE            NY  IS  HF                            043  08          US  80 1
  SITE 7 TABLE 3; AVG. 33,48,33,47,52 DEGREE FRACTURES                                                    LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

725     43.950  - 74.450     0.0005  O  D  LONG LAKE            NY  IS  OC                                039          US  78 1
  SITE 7 TABLE 2                                                                                          LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

950     45.540  - 74.460    13.0000  O  C  HAWKESBURY            ON  FM  R   M2                            232      SS  CN  82 6
  821031     Mn 2.5                                                                                       EPB    S 232 12
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK119 60
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                 328 27
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SEQ     LAT       LON      DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

 699    43.870  - 74.470     0.0001  O  E  BLUE MOUNTAIN LAKE    NY  IS  OC                                082      T     US  76 1
  SITE 5 FIG. 1                                                                                            LDGO     S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

 709    43.860  - 74.480     2.7000  O  C  BLUE MOUNTAIN LAKE    NY  FM  C   M3                            306      T     US  71 6
  DEEP PART OF SWARM ACTIVITY                                                                              LDGO     M 126 10
  SBAR, M.L., et al. 1972.  THE ADIRONDACK, NEW YORK, EARTHQUAKE SWARM OF 1971 AND TECTONIC IMPLICATIONS;          036 04
    BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.62, no.5, OCTOBER 1972.  PP. 1303-1317                282 72

 710    43.860  - 74.480     1.0000  P  B  BLUE MOUNTAIN LAKE    NY  FM  C   M3                            080      T     US  71 6
  SHALLOW PART OF SWARM ACTIVITY                                                                           LDGO     M 260 17
  SBAR, M.L., et al. 1972.  THE ADIRONDACK, NEW YORK, EARTHQUAKE SWARM OF 1971 AND TECTONIC IMPLICATIONS;          349 00
    BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.62, no.5, OCTOBER 1972.  PP. 1303-1317                80  61

  45    44.520  - 74.510     1.0000  O  A  BAY POND             NY  FM  S   M2                            053      T     US  78 5
  780821    MB 1.9                                                                                         LDGO     S 053 28
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF     154 10
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                       279 62

  42    44.890  - 74.550     1.0000  O  A  MASSENA              NY  FM  C   M3                            259      T     US  75 5
  750104/750115  Mb 2.8 & 2.5; DEPTH SUSPECT                                                               LDGO     S 259 16
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF     161 04
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                       056 72

 943    45.130  - 74.600    13.0000  O  C  CORNWALL             ON  FM  R   M2                           -007     N/SS  CN  81 6
  810704:2319   Mn 2.5  AFTERSHOCK                                                                         EPB      S 247 52
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK109 30
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION          007 21

 944    45.120  - 74.610    13.0000  O  B  CORNWALL             ON  FM  R   M1                            207      T     CN  81 6
  810705:0415    Mn 1.4  AFTERSHOCK                                                                         EPB      S 207 10
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK300 15
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION          086 72

 946    45.120  - 74.610    13.0000  O  A  CORNWALL             ON  FM  S   M2                            240      T     CN  81 6
  810707  Mn 1.9  aftershock                                                                                EPB      S 240 14
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK335 20
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION          117 65

  11    45.110  - 74.610    16.0000  S  B  CORNWALL             ON  FM  S   M3                            198      T/SS  CN  81 5
  810705   Mn 3.3 , SEQ# 945 PREFERRED                                                                    LDGO     S 198 10
  SCHLESINGER-MILLER, E., BARSTOW, N.L. AND KAFKA, A.L., 1983. THE JULY 1981 EARTHQUAKE SEQUENCE NEAR CORNWALL,     104 39
    ONTARIO AND MASSENA, NEW YORK; EARTHQUAKE NOTES, VOL. 54, NO. 3, OCT-DEC, 1983, PP. 11-26                  302 27

  13    45.110  - 74.610    16.0000  A  A  CORNWALL             ON  FM  A   M3                            027      T/SS  CN  81 5
  8107   AVG. SEQ # 11, 12                                                                                 LDGO     S 027
  SCHLESINGER-MILLER, E., BARSTOW, N.L. AND KAFKA, A.L., 1983. THE JULY 1981 EARTHQUAKE SEQUENCE NEAR CORNWALL,
    ONTARIO AND MASSENA, NEW YORK; EARTHQUAKE NOTES, VOL. 54, NO. 3, OCT-DEC, 1983, PP. 11-26                  317

  12    45.110  - 74.610    16.0000  S  B  CORNWALL             ON  FM  S   M3                            216      T/SS  CN  81 5
  810704:2316  Mn 3.7, SEQ# 942 PREFERRED                                                                 LDGO     S 216 21
  SCHLESINGER-MILLER, E., BARSTOW, N.L. AND KAFKA, A.L., 1983. THE JULY 1981 EARTHQUAKE SEQUENCE NEAR CORNWALL,     124 56
    ONTARIO AND MASSENA, NEW YORK; EARTHQUAKE NOTES, VOL. 54, NO. 3, OCT-DEC, 1983, PP. 11-26                  322 60
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SEQ     LAT       LON       DEPTH     N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

942     45.140  - 74.620    13.0000   O  A  CORNWALL            ON  FM  R   M3                          236      T/SS CN  81 6
  810704:2316    Mn 3.7  PREFERRED TO SEQ# 12                                                            EPB    M 236 08
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK140 35
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                    337 54

945     45.170  - 74.620    13.0000   O  A  CORNWALL            ON  FM  R   M3                          213      T/SS CN  81 6
  810705:2147    Mn 3.4  PREFERRED TO SEQ# 11                                                            EPB    M 213 28
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK324 35
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                    094 42

 44     44.580  - 74.630     1.0000   O  A  POTSDAM            NY  FM  S   M3                          250      T    US  76 5
  760428    MB 2.8    DEPTH SUSPECT                                                                       LDGO   S 250 15
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF        341 07
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                                 061 92

723     43.770  - 74.630     0.0005   O  D  RAQUETTE LAKE       NY  IS  OC                              022           US  78 1
  SITE 3 TABLE 2                                                                                          LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

697     43.770  - 74.630     0.0005   O  D  RAQUETTE LAKE       NY  IS  OC      18.0    4.4             060           US  78 1
  SITE 3 FIG. 1                                                                                           LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

 47     43.910  - 74.640     3.7000   O  A  RAQUETTE LAKE       NY  FM  C   M4                          250      T    US  75 5
  751102    MB 3.9    MAIN SHOCK + AFTERSHOCKS                                                            LDGO   M 250 07
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF        343 00
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                                 065 85

695     43.810  - 74.650     0.0001   O  E  RAQUETTE LAKE       NY  IS  OC      18.1    8.8             095      T    US  76 1
  SITE 1 FIG. 1                                                                                           LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

696     43.830  - 74.660     0.0001   O  E  RAQUETTE LAKE       NY  IS  OC      9.5     6.5             074      T    US  76 1
  SITE 2 FIG. 1                                                                                           LDGO   S
  PLUMB, R., ENGELDER,T., AND SBAR,M.,1984, NEAR-SURFACE IN SITU STRESS 2. A COMPARISON WITH STRESS DIRECTIONS
  INFERRED FROM EARTHQUAKES, JOINTS,AND TOPOGRAPHY NEAR BLUE MOUNTAIN LAKE,NEW YORK, J. GEOPHYS.RESEARCH,VOL.89,pp.9333-93

  6      71.900  - 74.700     6.0000   O  B  BAFFIN ISLAND       NT  FM  S   M4                         -060      N    CN  72 5
  720121    M 4.5                                                                                           EPB    M 160 25
  HASHIZUME, M., 1973. TWO EARTHQUAKES ON BAFFIN ISLAND AND THEIR TECTONIC IMPLICATIONS; J. GEOPHYSICAL RESEARCH,        316 20
    VOL. 78, NO. 26, SEPT. 10, 1973, PP. 6069-6081                                                                      060 15

956     45.700  - 74.770    11.0000   O  B  FASSETT             PQ  FM  R   M3                          319      T    CN  83 6
  831210    Mn 2.8                                                                                          EPB    M 319 05
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK050 15
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                    211 74

 37     40.800  - 74.770     1.0000   O  A  SCHOOLEY MOUNTAIN    NJ  FM  S   M2                          311      T    US  77 5
  771204    MB 2.3    V. SHALLOW, DEPTH < 1 KM                                                            LDGO   S 311 07
  YANG, J. AND AGGARWAL, Y.P., 1981. SEISMOTECTONICS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA; JOURNAL OF        218 08
    GEOPHYSICAL RESEARCH, VOL. 86, NO. B6, JUNE 10, 1981, PP. 4981-4998                                                 080 77
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

1064    45.880  - 74.810     4.0000  O  B  NOT.DAME DE LA PAIX  PQ  FM  R   M3                          231      T     CN  86 5
  860618  DEPTH UNCERTAIN                                                                                GD-GSC S 231 10
  ADAMS,J. AND SHARP,J.,1986, NEW EASTERN CANADIAN FOCAL MECHANISMS - WHAT HAPPENS TO THE                        140 05
  REGIONAL STRESS FIELD BELOW 10 KM ?  EASTERN SECTION, SEIS. SOC. AM. MEETING, OTTAWA, OCTOBER 1986            024 79

 708    45.050  - 74.840     0.0010  A  B  CORNWALL          ON  GL  BU  CT                          043  30  T     CN  84 1
  AVG OF 5 BUCKLES (SEQ# 706 & 707)                                                                      OGS     M
  WILLIAMS, DAVE, 1984.  UNPUBLISHED FIELD OBSERVATIONS, WRITTEN COMM.

 707    45.050  - 74.840     0.0010  S  C  CORNWALL          ON  GL  BU  CT                          058  27  T     CN  82 1
  GRAVEL QUARRY; BUCKLES STRIKE 110,155,170,(060 not incl.)                                              OGS     M
  WILLIAMS, DAVE, 1984.  UNPUBLISHED FIELD OBSERVATIONS, WRITTEN COMM.

 706    45.050  - 74.840     0.0010  S  C  CORNWALL          ON  GL  BU  CT                          025  21  T     CN  84 1
  PERMANENT QUARRY; BUCKLES STRIKE 095 AND 135                                                           OGS     M
  WILLIAMS, DAVE, 1984.  UNPUBLISHED FIELD OBSERVATIONS, WRITTEN COMM.

 964    45.960  - 74.930    18.0000  O  B  ST-EMILE-DE-SUFFOLK PQ  FM  S   M3                          001      SS/T CN  81 6
  810219   Mn 3.3                                                                                        EPB     M 001 25
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK233 55
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION          100 25

 947    46.090  - 75.030     0.0000  O  A  LAC-REMI          PQ  FM  R   M3                          047      T     CN  81 6
  810918    Mn 3.5                                                                                       EPB     M 047 34
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK310 16
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION          206 54

 954    45.620  - 75.050    11.0000  O  E  MONTEBELLO        PQ  FM  R   M2                         -040      N     CN  83 6
  831016     MN 2.0     AFTERSHOCK  (TO #965)                                                            EPB     M 220 85
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK310 00
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION          040 05

 958    45.200  - 75.050     5.0000  O  A  CRYSLER           ON  FM  R   M3                          242      T/SS CN  84 6
  841126   Mn 3.3                                                                                        EPB     M 242 13
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK340 30
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION          132 57

 965    45.620  - 75.050    12.0000  O  A  MONTEBELLO        PQ  FM  S   M3                          147      T     CN  83 6
  831016  Mn 3.1                                                                                          EPB     M 147 10
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK057 10
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION          295 70

1074    46.350  - 75.090    13.0000  O  B  NOMININGUE        PQ  FM  R   M3                          073      SS    CN  86 5
  860605 MN 3.2                                                                                          GSC     M 073 12
  ADAMS, J., AND SHARP, J.; UNPUBLISHED FOCAL MECHANISMS                                                          185 60
                                                                                                                  337 27

  22    43.600  - 75.100     2.0000  O  A  BOONEVILLE         NY  FM  S   M3                          072      T     US  80 6
  800606    M 3.5                                                                                        MIT     S 072 23
  PULLI, J.J. AND TOKSOZ, M.N., 1981. FAULT PLANE SOLUTIONS FOR NORTHEASTERN UNITED STATES EARTHQUAKES; BUL. OF THE      341 00
    SEISMOLOGICAL SOC. OF AMERICA, VOL. 71, NO. 6, DECEMBER , 1981, PP. 1875-1882                                235 63
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SEQ     LAT       LON       DEPTH     N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 957    45.560  - 75.120    19.0000   O  A   ROCKLAND             ON  FM  R   M3                          052      SS    CN  84 6
  840117   Mn 3.0                                                                                            EPB     M 052 32
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK190 50
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                 308 22

 959    45.750  - 75.150    16.0000   O  C   RIPON                PQ  FM  S   M2                          035      T     CN  85 6
  850130    Mn 2.6                                                                                            EPB     M 035 25
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK300 10
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                 190 63

1066    46.370  - 75.200    16.0000   O  A   NOMININQUE           PQ  FM  R   M4                          030      T     CN  86 5
  860806                                                                                                      GD-GSC M 030 00
  ADAMS,J. AND SHARP,J.,1986, NEW EASTERN CANADIAN FOCAL MECHANISMS - WHAT HAPPENS TO THE                     300 25
  REGIONAL STRESS FIELD BELOW 10 KM ?  EASTERN SECTION, SEIS. SOC. AM. MEETING, OTTAWA, OCTOBER 1986          120 65

 960    45.790  - 75.210    18.0000   O  B   RIPON                PQ  FM  S   M4                          155      T     CN  72 6
  721216      Mn 3.9                                                                                          EPB     M 155 10
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK065 20
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                 260 75

 603    42.230  - 75.380     0.0010   O  C   CENTRAL NY STATE     NY  GL  PU  PG                          157  6   T     US  85 1
  AVERAGE OF 2 VALUES: 163, 151                                                                               NYSGS   M
  ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
  U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

 994    44.990  - 75.420     0.0010   O  A   SOUTH MOUNTAIN       ON  GL  BU  CT                          077  22  T     CN  84 3
  DC-81-593, DIP ON FLANKS UP TO 22, 0.1 M HIGH; 11M LONG TRENDS 000 AND BENDS TO 145                          OGS     M
  WILLIAMS, DAVE, 1984, UNPUBLISHED FIELD OBSERVATIONS, WRITTEN COMMUNICATION.

 693    44.650  - 75.460     0.0010   O  D   OGDENSBURG           NY  GL  BU  CT                          090      T     US  71 3
  FROM J.P. BROWN (PERS. COMM. 1971)                                                                          LDGO    M
  SBAR, M.L., AND L.R. SYKES, 1973.  CONTEMPORARY COMPRESSIVE STRESS AND SEISMICITY IN EASTERN NORTH AMERICA: AN EXAMPLE
    OF INTRA-PLATE TECTONICS; GEOLOGICAL SOCIETY OF AMERICA BULLETIN, vol.84, JUNE 1973.  P. 1861-1882.

 949    45.890  - 75.460    19.0000   O  A   MORIN HEIGHTS        PQ  FM  R   M3                          228      SS    CN  82 6
  820806   Mn 3.7                                                                                            EPB     M 228 14
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK349 65
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                 132 20

 993    44.380  - 75.720     0.0048   O  B   CHIPPAWA BAY         NY  GL  PU  PG                          062      T     US  10 3
  35 METER LONG,4 METER HIGH IN POTSDAM SANDSTONE                                                             NYSMUS M
  CUSHING, H.P., FAIRCHILD, H.L., ET AL.  1910, GEOLOGY OF THE THOUSAND ISLANDS REGION
    NEW YORK STATE MUSEUM, MUSEUM BULLETIN 145.

 985    44.460  - 75.720     0.0018   O  C   OAK POINT            NY  GL  PU  PG                          050      T     US  73 3
                                                                                                              D & M   M
  DAMES AND MOORE, 1974, SEISMO-TECTONIC CONDITIONS IN THE ST. LAWERENCE RIVER VALLEY REGION,
    PHASE 1,1973 GEOLGIC INVESTIGATIONS, REPORT TO THE NEW YORK STATE ATOMIC AND SPACE DEVELOPMENT AUTHORITY

1057    44.955  - 75.745     0.0030   O  C   BURRITTS RAPIDS      ON  GL  BU  CT                          160      T     CN  86 4
  6+m long, 0.2+m high, 0.25+m thick, 2 in quarry at Railroad                                                 OGS     M
  DAVID WILLIAMS, ODNR per comm.; site DC-81-484
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SEQ     LAT       LON       DEPTH     N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

604     44.450  - 75.750     0.0010  O  C  ALEXANDRIA BAY        NY  GL  PU  PG                          159  18  T     US   85 1
  AVERAGE OF 3 VALUES: 002, 138, 158                                                                        NYSGS  M
  ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
  U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

767     45.200  - 75.750    12.0000  P  A  NORTH GOWER          ON  FM  S   M4                          154      T     CN   85 5
  831011   Mn 4.2,  SEQ# 952 PREFERRED                                                                     EPB    L 154 30
  WAHLSTROM, RUTGER, 1985.  THE NORTH GOWER, ONTARIO, EARTHQUAKE OF 11 OCTOBER, 1983: FOCAL MECHANISM AND AFTERSHOCKS;   249 06
    EARTHQUAKE NOTES, VOL. 56, P. 135-143.                                                                                352 59

768     45.200  - 75.750     6.0000  O  B  NORTH GOWER          ON  IS  SS                              030           CN   85 5
  STRESS DIRECTION FOR SHEAR WAVE SPLITTING; COMPARE FOCAL MECH. [SEQ #767]                                 EPB    L
  WAHLSTROM, RUTGER, 1985.  THE NORTH GOWER, ONTARIO, EARTHQUAKE OF 11 OCTOBER, 1983: FOCAL MECHANISM AND AFTERSHOCKS;
    EARTHQUAKE NOTES, VOL. 56, P. 135-143.

952     45.200  - 75.750    12.0000  O  A  NORTH GOWER          ON  FM  R   M4                          155      T     CN   83 6
  831011  Mn 4.1 , PREFERRED TO SEQ# 767                                                                   EPB    M 155 25
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK250 10
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                   000 63

953     45.200  - 75.750    12.0000  O  B  NORTH GOWER          ON  FM  R   M1                          166      T/SS  CN   83 6
  831013   Mn 1.2  aftershock                                                                               EPB    M 166 26
  WAHLSTROM, R., 1986,  FOCAL MECHANISMS OF EARTHQUAKES IN SOUTHERN QUEBEC, SOUTHEASTERN ONTARIO AND NORTHEASTERN NEW YORK060 30
    WITH IMPLICATIONS FOR REGIONAL SEISMOTECTONICS AND STRESS FIELD CHARACTERISTICS.  -IN PREPARATION                   289 49

543     45.520  - 75.750     0.0020  O  C  HULL                 PQ  GL  FD  PG                          065      T     CN   80 1
  ON BOUL. TACHE                                                                                            EPB    M
  ADAMS, J.,1980, UNPUBLISHED FIELD OBSERVATIONS

772     45.268  - 75.806     0.0010  O  C  OTTAWA               ON  GL  PU  PG                          057      T     CN   81 2
  DIBLEE QUARRY                                                                                             EPB    M
  ADAMS, J., 1982.  STRESS-RELIEF BUCKLES IN THE McFARLAND QUARRY, OTTAWA;
    CANADIAN JOURNAL OF EARTH SCIENCES, vol. 19, no. 10, pp. 1883-1887.

506     45.277  - 75.815     0.0010  O  C  OTTAWA               ON  GL  BU  CT                          043  10  T     CN   81 1
  McFARLAND QUARRY: CONJUGATE BUCKLES IMPLY MINOR AXIS AT 147                                               EPB    M
  ADAMS, J., 1982. STRESS-RELIEF BUCKLES IN THE MCFARLAND QUARRY, OTTAWA; CANADIAN JOURNAL OF EARTH SCIENCES,
    VOL. 19, NO. 10, 1982, PP. 1883-1887

602     42.320  - 75.830     0.0010  O  C  CENTRAL NY STATE      NY  GL  PU  PG                          063  12  T     US   85 1
  AVERAGE OF 3 VALUES: 046, 073, 069                                                                        NYSGS  M
  ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
  U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

605     44.340  - 75.830     0.0010  O  C  ALEXANDRIA BAY        NY  GL  PU  PG                          050  27  T     US   85 1
  AVERAGE OF 6 VALUES: 022, 029, 032, 056, 078, 089                                                         NYSGS  M
  ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
  U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

995     44.000  - 75.840     0.0030  O  B  SANFORD CORNERS       NY  GL  PU  PG                          045      T     US   10 3
  LIMESTONE                                                                                                 NYMUS  M
  CUSHING, H.P., FAIRCHILD, H.L., ET AL, 1910,  GEOLOGY OF THE THOUSAND ISLANDS REGION,
    NEW YORK STATE MUSEUM AND SCIENCE, BULL. 145, DECEMBER 1910.
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
986	44.270	- 75.890	0.0018	O	C	ALEXANDRIA BAY	NY	GL	PU	PG				070		T	US	73	3
15-30 METERS LONG																D & M	M		
DAMES AND MOORE, 1974, SEISMO-TECTONIC CONDITIONS IN THE ST. LAWERENCE RIVER VALLEY REGION, PHASE 1,1973 GEOLGIC INVESTIGATIONS, REPORT TO THE NEW YORK STATE ATOMIC AND SPACE DEVELOPMENT AUTHORITY																			
984	44.210	- 75.940	0.0018	O	C	OMAR	NY	GL	PU	PG				132		T	US	73	3
DAMES AND MOORE, 1974, SEISMO-TECTONIC CONDITIONS IN THE ST. LAWERENCE RIVER VALLEY REGION, PHASE 1,1973 GEOLGIC INVESTIGATIONS, REPORT TO THE NEW YORK STATE ATOMIC AND SPACE DEVELOPMENT AUTHORITY																D & M	M		
719	44.130	- 75.950	0.0001	O	D	ALEXANDRIA BAY	NY	IS	OC					038	7		US	77	1
KIRKEY SITE - AVERAGE 3 VALUES																LDGO	S		
ENGELDER, T. AND M.L. SBAR, 1977. THE RELATIONSHIP BETWEEN IN SITU STRAIN RELAXATION AND OUTCROP FRACTURES IN THE POTSDAM SANDSTONE, ALEXANDRIA BAY, NEW YORK; PAGEOPH. vol.115, 1977.																			
720	44.260	- 75.950	0.0001	O	D	ALEXANDRIA BAY	NY	IS	OC					066	10		US	77	1
FRAZIER SITE - AVERAGE 3 VALUES																LDGO	S		
ENGELDER, T. AND M.L. SBAR, 1977. THE RELATIONSHIP BETWEEN IN SITU STRAIN RELAXATION AND OUTCROP FRACTURES IN THE POTSDAM SANDSTONE, ALEXANDRIA BAY, NEW YORK; PAGEOPH. vol.115, 1977.																			
10	46.460	- 76.280	17.0000	O	A	MANIWAKI	PQ	FM	S	M4				206		T	CN	75	6
750712 Mb 4.2 P-AXIS CAN VARY FROM 035 TO 002																EPB	M	206	13
HORNER, R.B., STEVENS, A.E., HASEGAWA, H.S., et al, 1978, FOCAL PARAMETERS OF THE JULY 12,1975, MANIWAKI,QUEBEC, EARTHQUAKE- AN EXAMPLE OF INTRAPLATE SEISMICITY IN EASTERN CANADA. BULL. SEIS. SOC. OF AM.,V.68,PP.619-640																		296	00
																		26	63
998	42.360	- 76.340	0.0010	O	D	ITHACA	NY	GL	FD	PG				028		T	US	77	3
POSTGLACIAL FOLD IN STREAM BED																CORNEL	M		
SMITH, A.C.JR., 1977, IN SITU ROCK STRESSES AND SMALL ANTICLINAL FEATURES IN EASTERN NORTH AMERICA. MSc THESIS, CORNELL UNIVERSITY																			
999	42.360	- 76.340	0.0010	O	C	ITHACA	NY	GL	FD	PG				070		T	US	77	3
POSTGLACIAL FOLD IN STREAMBED																CORNEL	M		
SMITH, A.C.JR., 1977, IN SITU ROCK STRESSES AND SMALL ANTICLINAL FEATURES IN EASTERN NORTH AMERICA. MSc THESIS, CORNELL UNIVERSITY																			
977	43.480	- 76.390	0.0088	S	D	NINE MILE POINT	NY	IS	OC		0.74	-0.60		060	23	T	US	78	3
OC-9, AVERAGE OF 3 TESTS																D & M	S		
DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES NIAGRA MOHAWK POWER CORPORATION, NEW YORK.																			
974	43.480	- 76.390	0.0148	S	C	NINE MILE POINT	NY	IS	OC		6.73	4.07	086	086	37	T	US	78	3
OC-3, AVERAGE OF 13 TESTS																D & M	S		
DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES NIAGRA MOHAWK POWER CORPORATION, NEW YORK.																			
973	43.480	- 76.390	0.0228	S	B	NINE MILE POINT	NY	IS	OC		10.46	3.26		106	12	T	US	78	3
OC-2, AVERAGE OF 12 TESTS																D & M	S		
DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES NIAGRA MOHAWK POWER CORPORATION, NEW YORK.																			
972	43.480	- 76.390	0.0170	S	B	NINE MILE POINT	NY	IS	OC		11.92	5.57		049	21	T	US	78	3
OC-1, AVERAGE OF 14 TESTS																D & M	S		
DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES NIAGRA MOHAWK POWER CORPORATION, NEW YORK.																			

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

975     43.480  - 76.390     0.0290  S  B  NINE MILE POINT      NY  IS  OC      6.53    2.26            078  19  T     US  78 3
  OC-4, AVERAGE OF 22 TESTS                                                                                      D & M  S
  DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES
    NIAGRA MOHAWK POWER CORPORATION, NEW YORK.

976     43.480  - 76.390     0.0143  S  B  NINE MILE POINT      NY  IS  OC      9.08    2.01            086  19  T     US  78 3
  0C-8, AVERAGE OF 13 TESTS                                                                                      D & M  S
  DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES
    NIAGRA MOHAWK POWER CORPORATION, NEW YORK.

675     43.480  - 76.390     0.0100  O  C  NINE MILE POINT      NY  IS  OC                              068          US  68 1
  DUPLICATES #595?  APPROX. AVERAGE OF MANY VALUES                                                               M
  ENGELDER, T., AND GEISER, P., 1984.  NEAR-SURFACE IN SITU STRESS 4. RESIDUAL STRESS IN THE TULLY LIMESTONE APPALACHIAN
    PLATEAU, NEW YORK; J. GEOPHYSICAL RESEARCH, vol.89, no.B11, OCTOBER 10, 1984.  P.  9365-9370.

978     43.480  - 76.390     0.0163  A  B  NINE MILE POINT      NY  IS  OC                              078  20  T     US  78 3
  AVERAGE OF 6 ENTRIES, SEQ # 972 -977                                                                           D & M  S
  DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES
    NIAGRA MOHAWK POWER CORPORATION, NEW YORK.

 93     43.417  - 76.397     8.0000  O  C  FULTON             NY  FM  C   M3                          053      SS    US  81 6
  810916    MC 2.9    AZP GIVES MEAN OF POSSIBLE RANGE 040-065                                                   WOODCC S 053 41
  HOULDAY, M., QUITTMEYER, R., MROTEK, K., et al,1984, RECENT SEISMICITY IN NORTH- AND EAST- CENTRAL NEW YORK STATE.   108 23
    EARTHQUAKE NOTES, VOL. 55, pp.16-20                                                                            159 05

595     43.450  - 76.520     0.8100  O  C  OSWEGO              NY  IS  OC                              067      T     US     1
  Z & Z SEQ NY-7 (N. TILLMAN, ORAL COMMUN.,1980),  COMPARE WITH SEQ 978                                            S
  ZOBACK, M.L. AND ZOBACK, M., 1980, STATE OF STRESS IN THE CONTERMINOUS UNITED STATES; J. GEOPHYS.
  RESEARCH, VOL. 85, NO. B11, PGS. 6113 - 6156

539     44.280  - 76.530     0.0010  O  C  KINGSTON             ON  GL  FD  PG                          050      T     CN  80 1
  1 M RELIEF, ON 401 AT SYDENHAM ROAD INTERCHANGE                                                            O.G.S. M
  CARSON, D.M., 1981. PALEOZOIC GEOLOGY OF THE TICHBORNE-SYDENHAM AREA; ONTARIO GEOLOGICAL SURVEY (O.G.S) PRELIMINARY
    MAP, P.2413       SCALE 1:15,840

585     42.940  - 76.580     0.9190  S  B  AUBURN               NY  IS  HF      23.5    16.1    23.1    075  10  SS/N  US  83 1
  AUBURN GEOTHERMAL WELL                                                                                         USGS   M
  HICKMAN, S.H., HEALY, J.H., ZOBACK, M.D., 1985. IN SITU STRESS, NATURAL FRACTURE DISTRIBUTION, AND BOREHOLE
  ELONGATION IN THE AUBURN GEOTHERMAL WELL, AUBURN, NEW YORK; J. GEOPHYS. RESEARCH,VOL 90,NO B7, P. 5497-5512

584     42.940  - 76.580     0.5930  S  C  AUBURN               NY  IS  HF      13.8    9.9     14.6    091  10  SS/N  US  83 1
  AUBURN GEOTHERMAL WELL                                                                                         USGS   M
  HICKMAN, S.H., HEALY, J.H., ZOBACK, M.D., 1985. IN SITU STRESS, NATURAL FRACTURE DISTRIBUTION, AND BOREHOLE
    ELONGATION IN THE AUBURN GEOTHERMAL WELL, AUBURN, NEW YORK; J. GEOPHYS. RESEARCH,VOL 90, NO B7, P. 5497-5512

586     42.940  - 76.580     0.7500  A  A  AUBURN               NY  IS  HF                              083  15  SS    US  83 1
  AUBURN GEOTHERMAL WELL, SAME AS #425                                                                           USGS   M
  HICKMAN, S.H., HEALY, J.H., ZOBACK, M.D., 1985. IN SITU STRESS, NATURAL FRACTURE DISTRIBUTION, AND BOREHOLE
   ELONGATION IN THE AUBURN GEOTHERMAL WELL, AUBURN, NEW YORK; J. GEOPHYS. RESEARCH, VOL 90, NO B7, P. 5497-5512

425     42.940  - 76.580     1.0700  O  A  AUBURN               NY  IS  BO                              080  10  -     US  84 2
  HYDROFRAC IN SAME HOLE SEE HICKMAN: JGR:90(B7)5497-5512: ALSO SEE JGR 92:4807                                 SCHLUM M
  PLUMB, R.A. AND HICKMAN, S.H., 1985. STRESS-INDUCED BOREHOLE ELONGATION: A COMPARISON BETWEEN THE FOUR-ARM DIPMETER
  AND THE BOREHOLE TELEVIEWR IN THE AUBURN GEOTHERMAL WELL; J. GEOPHYS. RESEARCH, VOL 90, P#5513-5521
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SEQ     LAT       LON       DEPTH     N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 979    43.280  - 76.600     0.0140  O  C  STERLING              NY  IS  OC      9,38    5.52            132  16  T    US  74 3
   GINNA NPP, AVERAGE OF 4 TESTS IN 2 BOREHOLES; LETTER FROM KAPROWSKI                                          D & M  S
   DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES
     NIAGRA MOHAWK POWER CORPORATION, NEW YORK.

1071    45.610  - 76.680     9.0000  O  A  RENFREW               ON  FM  R   M3                          018      T    CN  85 5
   850824  MN 3.1                                                                                            GSC    M 018 09
   ADAMS, J. AND STAGG, M.C.; UNPUBLISHED FOCAL MECHANISMS                                                            285 20
                                                                                                                      132 68

 537    44.330  - 76.980     0.0010  O  C  ROBLINDALE            ON  GL  BU  CT                          045      T    CN  81 1
   CARSON, D.M., 1980. PALEOZOIC GEOLOGY OF THE KALADAR-TWEED AREA; ONTARIO GEOLOGICAL SURVEY (O.G.S.) PRELIMINARY  O.G.S. M
     MAP, P. 2411     SCALE 1:50,000

 536    44.310  - 76.980     0.0010  O  C  ROBLINDALE            ON  GL  PU  PG                          045      T    CN  80 1
   CARSON, D.M., 1980. PALEOZOIC GEOLOGY OF THE KALADAR-TWEED AREA; ONTARIO GEOLOGICAL SURVEY (O.G.S.) PRELIMINARY  O.G.S. M
     MAP, P. 2411     SCALE 1:50,000

1056    43.950  - 77.100     0.0030  O  B  PRINCE EDWARD COUNTY  ON  GL  PU  PG                          013      T    CN  86 4
   1km LONG, 7m WIDE, 30 DEGREE DIPS                                                                            ONTMYO L
   BOWLBY, WHITE; ADAMS FIELD OBSERVATION 860300; UPDATE AS DOCUMENTED

1058    44.300  - 77.110     0.0100  O  C  KINGSFORD             ON  GL  SQ  CT                          070      T    CN  86 4
   ROADCUT 15m DEEP IN LIMESTONE STRIKES 161; MOSTLY INWARD MOVEMENT                                                  M
   BOWLBY, WALLACH, ADAMS FIELD OBSERVATIONS 860530

 453    44.160  - 77.310     0.0010  O  D  POINT ANNE            ON  GL  PU  PG                          030      T    CN  82 3
   FROM PERSONAL COMM. WITH B. A. LIBERTY                                                                       -      M
   WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN;
     PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54

1072    45.780  - 77.340    14.0000  O  A  PEMBROKE               ON  FM  R   M3                          272      T/SS CN  86 5
   860110 MN 3.4                                                                                                GSC    M 272 17
   ADAMS, J. AND STAGG, M.C.; UNPUBLISHED FOCAL MECHANISMS                                                            020 45
                                                                                                                      167 40

 579    53.780  - 77.420     0.1000  S  E  LG-2 DAM, JAMES BAY   PQ  IS  OC      13.8    9.6     5.5     019      T    CN  75 1
   TEST S-3                                                                                                     SEBJ   S      15
   ROUSSEAU SAUVE WARREN, ENGINEERING CONSULTANTS,MONTREAL,PQ.,GALERIE D'EXPLORATION ESSAIS GEOTECHNIQUES EN PLACE.
     PROJECT NO.LG-2

 578    53.780  - 77.420     0.1000  S  E  LG-2 DAM, JAMES BAY   PQ  IS  OC      11.7    7.5     4.8     122      T    CN  75 1
   TEST S-2                                                                                                     SEBJ   S      08
   ROUSSEAU SAUVE WARREN, ENGINEERING CONSULTANTS,MONTREAL,PQ.,GALERIE D'EXPLORATION ESSAIS GEOTECHNIQUES EN PLACE.
     PROJECT NO.LG-2

 581    53.780  - 77.420     0.1000  S  E  LG-2 DAM, JAMES BAY   PQ  IS  OC      11.7    7.6     2.8     045      T    CN  75 1
   TEST S-6                                                                                                     SEBJ   S      24
   ROUSSEAU SAUVE WARREN, ENGINEERING CONSULTANTS,MONTREAL,PQ.,GALERIE D'EXPLORATION ESSAIS GEOTECHNIQUES EN PLACE.
     PROJECT NO.LG-2
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 577    53.780  - 77.420    0.1000   S  E  LG-2 DAM, JAMES BAY   PQ  IS  OC      23.4    11.7    4.8     173      T    CN  75 1
   TEST S-1                                                                                                SEBJ   S     22
   ROUSSEAU SAUVE WARREN, ENGINEERING CONSULTANTS,MONTREAL,PQ.,GALERIE D'EXPLORATION ESSAIS GEOTECHNIQUES EN PLACE.
     PROJECT NO.LG-2

 580    53.780  - 77.420    0.1000   S  E  LG-2 DAM, JAMES BAY   PQ  IS  OC      11.0    6.2     3.9     154      T    CN  75 1
   TEST S-4                                                                                                SEBJ   S     10
   ROUSSEAU SAUVE WARREN, ENGINEERING CONSULTANTS,MONTREAL,PQ.,GALERIE D'EXPLORATION ESSAIS GEOTECHNIQUES EN PLACE.
     PROJECT NO.LG-2

 582    53.780  - 77.420    0.1000   A  D  LG-2 DAM, JAMES BAY   PQ  IS  OC      14.3    8.5     4.4     176  39  T    CN  75 1
   AV. OF SEQ #'S 577-581: TEST S-5 FAULTY                                                                 SEBJ   S     16
   ROUSSEAU SAUVE WARREN, ENGINEERING CONSULTANTS,MONTREAL,PQ.,GALERIE D'EXPLORATION ESSAIS GEOTECHNIQUES EN PLACE.
     PROJECT NO.LG-2

1153    41.210  - 77.520    3.6360   O  A  CLINTON COUNTY       PA  IS  BO                              070   6          US  87 6
   DEPTH IS MEAN OF BREAKOUT RANGE                                                                         SCHLUM M
   PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTEREN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE
   ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

 900    43.990  - 77.530    0.0030   O  C  CONSECON             ON  GL  PU  PG                          050      T    CN  84 3
   CONSECON QUARRY; SMALL POP-UP ON EAST WALL                                                              ONTHYD M
   GRASS AND BOWLBY [PERSONAL OBSERV.]

 983    43.120  - 77.550    0.0130   A  C  ROCHESTER            NY  IS  OC                              094  64  T    US  76 6
   AVERAGE OF 14 READINGS USED IN SEQ # 980-982                                                            D & M  S
   DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES
     NIAGRA MOHAWK POWER CORPORATION, NEW YORK.

 980    43.120  - 77.550    0.0140   S  D  ROCHESTER            NY  IS  OC      10.89   -2.63           027  20  T    US  76 3
   BOREHOLE NO.2, AVERAGE OF 5 TESTS; GOLDBERG AND ASSOCIATES 1976                                         D & M  S
   DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES
     NIAGRA MOHAWK POWER CORPORATION, NEW YORK.

 982    43.120  - 77.550    0.0120   S  D  ROCHESTER            NY  IS  OC      11.55   4.99            142  32  T    US  76 3
   BOREHOLE NO.3, AVERAGE OF 4 TESTS, GOLDBERG AND ASSOCIATES 1976                                         D & M  S
   DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES
     NIAGRA MOHAWK POWER CORPORATION, NEW YORK.

 981    43.120  - 77.550    0.0120   S  C  ROCHESTER            NY  IS  OC      17.51   6.89            097  14  T    US  76 3
   BOREHOLE N0.2, AVERAGE OF 5 TESTS, GOLDBERG AND ASSOCIATES 1976                                         D & M  S
   DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES
     NIAGRA MOHAWK POWER CORPORATION, NEW YORK.

1171    42.190  - 77.580    0.6000   A  A  STEUBEN COUNTY       NY  IS  HF                              074      SS   US  86 R
   AFTER EVANS AND ENGELDER(1986): AVERAGE OF 68 MEASUREMENTS IN 2 WELLS (68.5+/-24, 80+/-23)                  M
   PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE
   ELONGATION MEASUREMENTS; J.GEOPPHYS. RESEARCH, VOL 92, P#4805-4816

 450    44.200  - 77.600    0.0010   O  D  HOARDS               ON  GL  PU  PG                          030      T    CN  82 3
   FROM PERSONAL COMM. WITH B. A. LIBERTY                                                                  -      M
   WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN;
     PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP				
538	44.330	- 77.630	0.0030	O	C	WELLMAN	ON	GL	PU	PG				127		T EPB	CN M	81 3

ASYMMETRICAL FOLD
ADAMS, J., UNPUBLISHED DATA, AND WINDER,1954

544	44.470	- 77.660	0.0100	O	C	MARMORA	ON	GL	BU	CT				045		T UWATLO	CN M	19 1

150 M LONG, 2.4 M HIGH, DEPTH OF EXCAVATION 15 M
LO, K.Y., 1978. REGIONAL DISTRIBUTION OF IN SITU HORIZONTAL STRESSES IN ROCKS OF SOUTHERN ONTARIO; CANADIAN GEOTECHNICAL JOURNAL, VOL. 15, NO. 3, 1978. PP.371-381

452	44.320	- 77.700	0.0010	O	D	MENIE	ON	GL	PU	PG				090		T -	CN M	82 3

FROM PERSONAL COMM. WITH B. A. LIBERTY
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54

722	42.930	- 77.990	0.0010	O	C	LE ROY	NY	GL	BU	CT				122	25	T LDGO	US M	80 1

AVERAGE OF 9 BUCKLES STRIKING -005 TO 065
ENGELDER, T. AND P. GEISER, 1980. ON THE USE OF REGIONAL JOINT SETS AS TRAJECTORIES OF PALEOSTRESS FIELDS DURING THE DEVELOPMENT OF THE APPALACHIAN PLATEAU, NY; J. GEOPHYSICAL RESEARCH, vol.85, no.B11, NOV. 10, 1980. PP. 6319-6341

721	42.930	- 77.990	0.0005	O	C	LE ROY	NY	IS	OC					103	08	LDGO	US S	80 1

MEASUREMENTS MADE CLOSE TO BUCKLES (SEQ # 722)
ENGELDER, T. AND P. GEISER, 1980. ON THE USE OF REGIONAL JOINT SETS AS TRAJECTORIES OF PALEOSTRESS FIELDS DURING THE DEVELOPMENT OF THE APPALACHIAN PLATEAU, NY; J. GEOPHYSICAL RESEARCH, vol.85, no.B11, NOV. 10, 1980. PP. 6319-6341

1078	42.080	- 78.000	0.5100	O	A	ALLEGANY COUNTY	NY	IS	HF	16	10.1	7.8		077		SS/T UWISC	US M	74 5

AFTER HAIMSON 1974. DATA SEQ #125 NEARBY Z+Z.NY-1
HAIMSON, B.C. AND DOE, T.W., 1983. STATE OF STRESS, PERMEABILITY AND FRACTURES IN THE PRECAMBRIAN GRANITE OF NORTHERN ILLIINOIS, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, P. 7355-7371.

125	42.010	- 78.070	0.5000	O	A	ALMA	NY	IS	HF					065			US M	68 5

DATA FROM OVERBEY AND ROUGH 1968. AVG OF 9 HYDRAULIC FRACTURES. DEPTH ASSUMED. Z+Z.NY-2
ENGELDER, T., AND GEISER, P., 1984. NEAR-SURFACE IN SITU STRESS 4. RESIDUAL STRESS IN THE TULLY LIMESTONE APPALACHIAN PLATEAU, NEW YORK, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.89, P. 9365-9370

971	43.130	- 78.070	0.5000	O	D	CLARENDON	NY	IS	OC		10.3			064			US S	76 3

FRANKLIN, J.A. AND HUNGR, O., 1976, ROCK STRESSES IN CANADA; THEIR RELEVANCE TO ENGINEERING PROJECTS, 25TH GEOMECHANICAL COLLOQUY, AUSTRIA, PREPRINT

70	42.780	- 78.170	0.7000	O	C	DALE	NY	FM	C	M2				277		T LDGO	US S	75 6 277 00 013 11 197 26

1972-1975 INDUCED EARTHQUAKES BENEATH BRINE FIELD
FLETCHER, J.B. AND SYKES, L.R., 1977. EARTHQUAKES RELATED TO HYDRAULIC MINING AND NATURAL SEISMIC ACTIVITY IN WESTERN NEW YORK STATE; J. GEOPHYSICAL RESEARCH, VOL. 82, NO. 26, SEPT. 10, 1977, PP. 3767-3780

1003	42.990	- 78.190	0.0050	O	C	BATAVIA	NY	GL	FD	UK				049	42	T	US M	50 3

AVERAGE OF 25 SMALL ANTICLINES. AFTER SUTTON 1950.
SMITH, A.C. JR.,1977, IN SITU ROCK STRESSES AND SMALL ANTICLINAL FEATURES IN EASTERN NORTH AMERICA, MSc THESIS, CORNELL UNIVERSITY

606	42.840	- 78.200	0.0010	O	C	ATTICA	NY	GL	PU	PG				067	51	T NYSGS	US M	85 1

SHOWING LARGE SCATTER, AVERAGE OF 20 VALUES
ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82; U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 50    42.800  - 78.200     2.0000  O  A  ATTICA                 NY  FM  S   M5                          062      SS/T US  66 6
 660101    MB 4.6                                                                                          ST.LOU M 062 01
 HERRMANN, R.B., 1979. SURFACE WAVE FOCAL MECHANISMS FOR EASTERN NORTH AMERICAN EARTHQUAKES WITH TECTONIC IMPLI-        154 63
   CATIONS; J. GEOPHYSICAL RESEARCH, VOL. 84, NO. B7, JULY 10, 1979, PP. 3543-3552                                   331 28

 51    42.900  - 78.200     3.0000  O  A  ATTICA                 NY  FM  S   M4                          074      T/SS US  67 6
 670613    MB 4.4                                                                                          ST.LOU M 074 11
 HERRMANN, R.B., 1979. SURFACE WAVE FOCAL MECHANISMS FOR EASTERN NORTH AMERICAN EARTHQUAKES WITH TECTONIC IMPLI-        173 35
   CATIONS; J. GEOPHYSICAL RESEARCH, VOL. 84, NO. B7, JULY 10, 1979, PP. 3543-3552                                   336 53

 90    42.920  - 78.230     3.0000  O  C  BATAVIA                 NY  FM  S   M4                          160      SS   US  67 5
 670613    M 4.4    FROM SURFACE WAVES: DEPTH EITHER 3 OR 20                                                      OKAYAM M 160
 HASHIZUME, M. AND TANGE, N., 1977. SOURCE PARAMETERS OF THE JUNE 13, 1967 EARTHQUAKE NEAR LAKE ONTARIO, NEW YORK
   STATE; CAN. J. EARTH SCI., VOL. 14, 1977, PP.2651-2657

865    43.950  - 78.300     0.0147  S  D  WESLEYVILLE            ON  IS  OC      13.10   9.79            170      T    CN  75 3
 TEST S1;B9; WESLEYVILLE G. S.; LINDSAY LS                                                                       ONTHYD S
 LO, K.Y., 1975, REPORT ON IN-SITU STRESS MEASUREMENTS IN ROCK, WESLEYVILLE GENERATING STATION,
   ONTARIO HYDRO

870    43.950  - 78.300     0.0262  A  C  WESLEYVILLE            ON  IS  OC                              161  24  T    CN  75 3
 AVERAGE OF 5 VALUES SEQ 865-869                                                                                 ONTHYD S
 LO, K.Y., 1975, REPORT ON IN-SITU STRESS MEASUREMENTS IN ROCK, WESLEYVILLE GENERATING STATION,
   ONTARIO HYDRO

448    44.500  - 78.300     0.0010  O  D  WOODVIEW               ON  GL  PU  PG                          060      T    CN  82 3
 FROM PERSONAL COMM. WITH B. A. LIBERTY                                                                          -     M
 WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN;
   PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54

866    43.950  - 78.300     0.0184  S  D  WESLEYVILLE            ON  IS  OC      12.41  10.62            108      T    CN  75 3
 TEST S2; B9; WESLEYVILLE G.S.; LINDSAY LS                                                                       ONTHYD S
 LO, K.Y., 1975, REPORT ON IN-SITU STRESS MEASUREMENTS IN ROCK, WESLEYVILLE GENERATING STATION,
   ONTARIO HYDRO

867    43.950  - 78.300     0.0249  S  D  WESLEYVILLE            ON  IS  OC       9.79   8.89            158      T    CN  75 3
 TEST S3; B9; WESLEYVILLE G.S.; LINDSAY LS                                                                       ONTHYD S
 LO, K.Y., 1975, REPORT ON IN-SITU STRESS MEASUREMENTS IN ROCK, WESLEYVILLE GENERATING STATION,
   ONTARIO HYDRO

869    43.950  - 78.300     0.0366  S  D  WESLEYVILLE            ON  IS  OC       8.34   6.00            169      T    CN  75 3
 TEST S5; B9; WESLEYVILLE G.S.; LINDSAY LS                                                                       ONTHYD S
 LO, K.Y., 1975, REPORT ON IN-SITU STRESS MEASUREMENTS IN ROCK, WESLEYVILLE GENERATING STATION,
   ONTARIO HYDRO

868    43.950  - 78.300     0.0362  S  D  WESLEYVILLE            ON  IS  OC      11.58   8.41            174      T    CN  75 3
 TEST S4; B9; WESLEYVILLE G.S.; LINDSAY LS                                                                       ONTHYD S
 LO, K.Y., 1975, REPORT ON IN-SITU STRESS MEASUREMENTS IN ROCK, WESLEYVILLE GENERATING STATION,
   ONTARIO HYDRO

174    43.900  - 78.400     0.0610  S  D  WESLEYVILLE            ON  IS  OC      23.7   12.2            151      -    CN  79 1
 B11 TEST 9 OF 9                                                                                                 FRTROW S
 FRANKLIN TROW ASSOCIATES LTD., 1979. WESLEYVILLE G.S. UNDERGROUND OIL STORAGE ACCESS TUNNEL TESTING AND MONITORING,
   FIRST PROGRESS REPORT; FRANKLIN TROW ASSOCIATES REPORT F240/1, JANUARY 24, 1979
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP
171     43.900  - 78.400    0.0530   S  D   WESLEYVILLE          ON  IS  OC      10.3    10.0            061      -    CN   79 1
  B11 TEST 6 OF 9                                                                                        FRTROW S
  FRANKLIN TROW ASSOCIATES LTD., 1979. WESLEYVILLE G.S. UNDERGROUND OIL STORAGE ACCESS TUNNEL TESTING AND MONITORING,
    FIRST PROGRESS REPORT; FRANKLIN TROW ASSOCIATES REPORT F240/1, JANUARY 24, 1979

170     43.900  - 78.400    0.0500   S  D   WESLEYVILLE          ON  IS  OC      08.2    06.9            079      -    CN   79 1
  B11 TEST 5 OF 9                                                                                        FRTROW S
  FRANKLIN TROW ASSOCIATES LTD., 1979. WESLEYVILLE G.S. UNDERGROUND OIL STORAGE ACCESS TUNNEL TESTING AND MONITORING,
    FIRST PROGRESS REPORT; FRANKLIN TROW ASSOCIATES REPORT F240/1, JANUARY 24, 1979

169     43.900  - 78.400    0.0470   S  D   WESLEYVILLE          ON  IS  OC      08.5    08.0            107      -    CN   79 1
  B11 TEST 4 OF 9                                                                                        FRTROW S
  FRANKLIN TROW ASSOCIATES LTD., 1979. WESLEYVILLE G.S. UNDERGROUND OIL STORAGE ACCESS TUNNEL TESTING AND MONITORING,
    FIRST PROGRESS REPORT; FRANKLIN TROW ASSOCIATES REPORT F240/1, JANUARY 24, 1979

172     43.900  - 78.400    0.0570   S  D   WESLEYVILLE          ON  IS  OC      11.1    09.1            149      -    CN   79 1
  B11 TEST 7 OF 9                                                                                        FRTROW S
  FRANKLIN TROW ASSOCIATES LTD., 1979. WESLEYVILLE G.S. UNDERGROUND OIL STORAGE ACCESS TUNNEL TESTING AND MONITORING,
    FIRST PROGRESS REPORT; FRANKLIN TROW ASSOCIATES REPORT F240/1, JANUARY 24, 1979

173     43.900  - 78.400    0.0580   S  D   WESLEYVILLE          ON  IS  OC      22.3    21.2            114      -    CN   79 1
  B11 TEST 8 OF 9                                                                                        FRTROW S
  FRANKLIN TROW ASSOCIATES LTD., 1979. WESLEYVILLE G.S. UNDERGROUND OIL STORAGE ACCESS TUNNEL TESTING AND MONITORING,
    FIRST PROGRESS REPORT; FRANKLIN TROW ASSOCIATES REPORT F240/1, JANUARY 24, 1979

166     43.900  - 78.400    0.0290   S  D   WESLEYVILLE          ON  IS  OC      11.1    09.8            107      -    CN   79 1
  B11 TEST 1 OF 9                                                                                        FRTROW S
  FRANKLIN TROW ASSOCIATES LTD., 1979. WESLEYVILLE G.S. UNDERGROUND OIL STORAGE ACCESS TUNNEL TESTING AND MONITORING,
    FIRST PROGRESS REPORT; FRANKLIN TROW ASSOCIATES REPORT F240/1, JANUARY 24, 1979

175     43.900  - 78.400    0.0470   A  C   WESLEYVILLE          ON  IS  OC      12.7    10.5            100      -    CN   79 1
  AVERAGE OF 9 TESTS:  SOME CONFLICT WITH LO, 1981 VALUES                                                FRTROW S
  FRANKLIN TROW ASSOCIATES LTD., 1979. WESLEYVILLE G.S. UNDERGROUND OIL STORAGE ACCESS TUNNEL TESTING AND MONITORING,
    FIRST PROGRESS REPORT; FRANKLIN TROW ASSOCIATES REPORT F240/1, JANUARY 24, 1979

168     43.900  - 78.400    0.0400   S  D   WESLEYVILLE          ON  IS  OC      08.6    08.1            071      -    CN   79 1
  B11 TEST 3 OF 9                                                                                        FRTROW S
  FRANKLIN TROW ASSOCIATES LTD., 1979. WESLEYVILLE G.S. UNDERGROUND OIL STORAGE ACCESS TUNNEL TESTING AND MONITORING,
    FIRST PROGRESS REPORT; FRANKLIN TROW ASSOCIATES REPORT F240/1, JANUARY 24, 1979

449     44.400  - 78.400    0.0010   O  B   YOUNG'S POINT        ON  GL  PU  PG                          045      T    CN   82 3
  FROM PERSONAL COMM. WITH C. G. WINDER                                                                  -        M
  WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN;
    PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54

167     43.900  - 78.400    0.0340   S  D   WESLEYVILLE          ON  IS  OC      10.5    09.2            089      -    CN   79 1
  B11 TEST 2 OF 9                                                                                        FRTROW S
  FRANKLIN TROW ASSOCIATES LTD., 1979. WESLEYVILLE G.S. UNDERGROUND OIL STORAGE ACCESS TUNNEL TESTING AND MONITORING,
    FIRST PROGRESS REPORT; FRANKLIN TROW ASSOCIATES REPORT F240/1, JANUARY 24, 1979

1065    46.310  - 78.420    4.0000   O  A   MATTAWA              PQ  FM  R   M3                          163      SS/N CN   86 5
  860530  DEPTH UNCERTAIN                                                                                 GD-GSC S 163 44
  ADAMS,J. AND SHARP,J.,1986, NEW EASTERN CANADIAN FOCAL MECHANISMS - WHAT HAPPENS TO THE                    280 25
  REGIONAL STRESS FIELD BELOW 10 KM ?  EASTERN SECTION, SEIS. SOC. AM. MEETING, OTTAWA, OCTOBER 1986        030 36
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
1000	43.340	- 78.500	0.0060	O	A	THIRTYMILE POINT	NY	GL	FD	PG				028		T -	US M	3	
ASYMMETRICAL ANTICLINE 60M LONG, 6M HIGH																			
GILBERT, G.K., 1898, DISLOCATION AT THIRTYMILE POINT, NEW YORK, BULL. OF THE GEOLOGICAL SOCIETY OF AMERICA, VOL.10, pp.131-134.																			
1150	41.800	- 78.550	1.4630	O	B	McKEAN COUNTY	PA	IS	BO					066	13		US SCHLUM	87	6
DEPTH IS MEAN OF BREAKOUT RANGE																			
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTEREN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																			
970	43.320	- 78.550	0.0124	O	B	SOMERSET	NY	IS	OC		2.86	1.00		160	23	T D & M	US S	74	3
SOMERSET NPP, AVERAGE OF 7 TESTS IN 2 BOREHOLES																			
DAMES AND MOORE, 1978, NINE MILE POINT NUCLEAR STATION UNIT 2, GEOLOGIC INVESTIGATION VOL III, ROCK STRESSES NIAGRA MOHAWK POWER CORPORATION, NEW YORK.																			
1155	41.800	- 78.600	0.0000	O	A	BRADFORD OIL FIELD	PA	IS	HF					070	4		US SCHLUM	68	6
AFTER OVERBEY AND ROUGH, 1968. AVERAGE OF 12 WELLS																			
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTEREN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																			
441	44.500	- 78.700	0.0010	S	B	FENELON FALLS	ON	GL	PU	PG				015		T -	CN M	82	3
FROM PERSONAL COMM. WITH P. FINAMORE																			
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54																			
443	44.500	- 78.700	0.0010	S	B	FENELON FALLS	ON	GL	PU	PG				015		T -	CN M	82	3
FROM PERSONAL COMM. WITH P. FINAMORE																			
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54																			
442	44.500	- 78.700	0.0010	S	B	FENELON FALLS	ON	GL	PU	PG				025		T -	CN M	82	3
FROM PERSONAL COMM. WITH P. FINAMORE																			
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54																			
444	44.500	- 78.700	0.0010	S	B	FENELON FALLS	ON	GL	PU	PG				010		T -	CN M	82	3
FROM PERSONAL COMM. WITH P. FINAMORE																			
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54																			
447	44.500	- 78.700	0.0010	A	A	FENELON FALLS	ON	GL	PU	PG				022	09	T -	CN M	82	3
AVERAGE OF 9: SEQ #'S 438 TO 446																			
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54																			
440	44.500	- 78.700	0.0010	S	B	FENELON FALLS	ON	GL	PU	PG				025		T -	CN M	82	3
FROM PERSONAL COMM. WITH P. FINAMORE																			
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54																			
446	44.500	- 78.700	0.0010	S	B	FENELON FALLS	ON	GL	PU	PG				038		T -	CN M	82	3
FROM PERSONAL COMM. WITH P. FINAMORE																			
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
439	44.500	- 78.700	0.0010	S	B	FENELON FALLS	ON	GL	PU	PG				025	T	CN	82 3
															-	M	

FROM PERSONAL COMM. WITH P. FINAMORE
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
445	44.500	- 78.700	0.0010	S	B	FENELON FALLS	ON	GL	PU	PG				013	T	CN	82 3
															-	M	

FROM PERSONAL COMM. WITH P. FINAMORE
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
438	44.500	- 78.700	0.0010	S	B	FENELON FALLS	ON	GL	PU	PG				035	T	CN	82 3
															-	M	

FROM PERSONAL COMM. WITH P. FINAMORE
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
997	43.290	- 78.780	0.0030	O	D	WILSON	NY	GL	FD	UK				065	T	US	13 3
															USGS	M	

AFTER KINDLE AND TAYLOR, USGS FOLIO 190, 1913.
SMITH, A.C.JR., 1977, IN SITU ROCK STRESSES AND SMALL ANTICLINAL FEATURES IN EASTERN NORTH AMERICA. MSc THESIS, CORNELL UNIVERSITY

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
148	43.900	- 78.800	0.0208	S	D	DARLINGTON	ON	IS	OC		11.8	07.4		064	T	CN	81 1
															ONTHYD	S	

TEST OH 2-2
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS AND EVALUATIONS, REPORT 1, RESULTS OF INITIAL STRESS MEASUREMENTS; ONTARIO HYDRO REPORT NO. 81102, JANUARY 1981

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
873	43.900	- 78.800	0.0470	S	D	DARLINGTON	ON	IS	OC		15.09	12.98		046	T	CN	81 3
															ONTHYD	S	

IT-6; SEE McKAY 1979 FOR ORIGINAL RESULTS
McKAY, D.A., 1981, DARLINGTON GENERATING STATION ROCK STRESS MEASUREMENTS, FOREBAY AREA, ONTARIO HYDRO, REPORT NO. 81-148-H

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
432	43.900	- 78.800	0.2760	S	D	DARLINGTON	ON	IS	HF		18.34	10.62		025	T	CN	80 1
															U WISC	M	

UN-1
HAIMSON, B.C. AND LEE, C.F., 1980. HYDROFRACTURING STRESS DETERMINATIONS AT DARLINGTON, ONTARIO; THIRTEENTH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 42-50

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
426	43.900	- 78.800	0.0747	S	D	DARLINGTON	ON	IS	HF		13.96	09.27	04.29	070	T	CN	80 1
															U WISC	M	

UN-1
HAIMSON, B.C. AND LEE, C.F., 1980. HYDROFRACTURING STRESS DETERMINATIONS AT DARLINGTON, ONTARIO; THIRTEENTH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 42-50

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
150	43.900	- 78.800	0.0434	S	D	DARLINGTON	ON	IS	OC		12.7	08.3		069	T	CN	81 1
															ONTHYD	S	

TEST OH 2-4
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS AND EVALUATIONS, REPORT 1, RESULTS OF INITIAL STRESS MEASUREMENTS; ONTARIO HYDRO REPORT NO. 81102, JANUARY 1981

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
874	43.900	- 78.800	0.0539	S	D	DARLINGTON	ON	IS	OC		11.35	7.31		018	T	CN	81 3
															ONTHYD	S	

IT-6; SEE McKAY 1979 FOR ORIGINAL RESULTS
McKAY, D.A., 1981, DARLINGTON GENERATING STATION ROCK STRESS MEASUREMENTS, FOREBAY AREA, ONTARIO HYDRO, REPORT NO. 81-148-H

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
433	43.900	- 78.800	0.2995	S	D	DARLINGTON	ON	IS	HF		18.3	11.34		024	T	CN	80 1
															U WISC	M	

UN-1
HAIMSON, B.C. AND LEE, C.F., 1980. HYDROFRACTURING STRESS DETERMINATIONS AT DARLINGTON, ONTARIO; THIRTEENTH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 42-50

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
149	43.900	- 78.800	0.0290	S	D	DARLINGTON	ON	IS	OC		13.6	09.7		072		T	CN	81	1
TEST OH 2-3																ONTHYD	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS AND EVALUATIONS, REPORT 1, RESULTS OF INITIAL STRESS MEASUREMENTS; ONTARIO HYDRO REPORT NO. 81102, JANUARY 1981																			
151	43.900	- 78.800	0.0212	A	B	DARLINGTON	ON	IS	OC		11.31	06.63		068		T	CN	81	1
AVERAGE OF 7 VALUES																ONTHYD	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS AND EVALUATIONS, REPORT 1, RESULTS OF INITIAL STRESS MEASUREMENTS; ONTARIO HYDRO REPORT NO. 81102, JANUARY 1981																			
434	43.900	- 78.800	0.0910	A	B	DARLINGTON	ON	IS	HF					070	06	T	CN	80	3
AVERAGE OF 4 SHALLOW MEASUREMENTS																U WISC	M		
HAIMSON, B.C. AND LEE, C.F., 1980. HYDROFRACTURING STRESS DETERMINATIONS AT DARLINGTON, ONTARIO; THIRTEENTH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 42-50																			
875	43.900	- 78.800	0.0395	A	C	DARLINGTON	ON	IS	OC					044	17	T	CN	81	3
AVERAGE OF 4 VALUES; SEQ 871-874																ONTHYD	S		
McKAY, D.A., 1981, DARLINGTON GENERATING STATION ROCK STRESS MEASUREMENTS, FOREBAY AREA, ONTARIO HYDRO, REPORT NO. 81-148-H																			
428	43.900	- 78.800	0.1436	S	D	DARLINGTON	ON	IS	HF		15.37	09.47	06.51	060		T	CN	80	1
UN-1																U WISC	M		
HAIMSON, B.C. AND LEE, C.F., 1980. HYDROFRACTURING STRESS DETERMINATIONS AT DARLINGTON, ONTARIO; THIRTEENTH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 42-50																			
427	43.900	- 78.800	0.1015	S	D	DARLINGTON	ON	IS	HF		10.63	06.52	05.14	073		T	CN	80	1
UN-1																U WISC	M		
HAIMSON, B.C. AND LEE, C.F., 1980. HYDROFRACTURING STRESS DETERMINATIONS AT DARLINGTON, ONTARIO; THIRTEENTH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 42-50																			
852	43.900	- 78.800	0.2520	O	B	DARLINGTON	ON	IS	HF					026	04	T	CN	80	3
AVERAGE OF 4 DEEP MEASUREMENTS																UWISC	M		
HAIMSON, B.C., 1978. HYDROFRACTURING STRESS MEASUREMENTS HOLE UN-1 DARLINGTON GENERATING STATION FOR ONTARIO HYDRO, OCT/78																			
429	43.900	- 78.800	0.1840	S	D	DARLINGTON	ON	IS	HF		12.16	08.29	05.75	077		T	CN	80	1
UN-1																U WISC	M		
HAIMSON, B.C. AND LEE, C.F., 1980. HYDROFRACTURING STRESS DETERMINATIONS AT DARLINGTON, ONTARIO; THIRTEENTH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 42-50																			
152	43.900	- 78.800	0.0050	O	C	DARLINGTON	ON	GL	SQ	CT				074		-	CN	81	3
AVERAGE AZIMUTH OF 11 ROCK MOVEMENTS IN CIRC. EXCAVATION																ONTHYD	M		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																			
145	43.900	- 78.800	0.0061	S	D	DARLINGTON	ON	IS	OC		10.4	03.6		071		T	CN	81	1
TEST OH 1-2																ONTHYD	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS AND EVALUATIONS, REPORT 1, RESULTS OF INITIAL STRESS MEASUREMENTS; ONTARIO HYDRO REPORT NO. 81102, JANUARY 1981																			
146	43.900	- 78.800	0.0077	S	D	DARLINGTON	ON	IS	OC		09.3	05.8		063		T	CN	81	1
TEST OH 1-4																ONTHYD	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS AND EVALUATIONS, REPORT 1, RESULTS OF INITIAL STRESS MEASUREMENTS; ONTARIO HYDRO REPORT NO. 81102, JANUARY 1981																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP			
871	43.900	- 78.800	0.0216	S	D	DARLINGTON	ON	IS	OC		11.19	4.31		064	T ONTHYD	CN S	81 3

IT-6; SEE McKAY 1979 FOR ORIGINAL RESULTS
McKAY, D.A., 1981, DARLINGTON GENERATING STATION ROCK STRESS MEASUREMENTS, FOREBAY AREA, ONTARIO HYDRO, REPORT NO. 81-148-H

153	43.900	- 78.800	0.0050	O	C	DARLINGTON	ON	GL	FD	CT				079	T ONTHYD	CN M	81 2

AVERAGE STRIKE OF 10 FOLDS APPEARED IN EXCAVATION
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981

144	43.900	- 78.800	0.0044	S	D	DARLINGTON	ON	IS	OC		10.7	03.9		064	T ONTHYD	CN S	81 1

TEST OH 1-1
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS AND EVALUATIONS, REPORT 1, RESULTS OF INITIAL STRESS MEASUREMENTS; ONTARIO HYDRO REPORT NO. 81102, JANUARY 1981

872	43.900	- 78.800	0.0354	S	D	DARLINGTON	ON	IS	OC		10.60	6.63		047	T ONTHYD	CN S	81 3

IT-6; SEE McKAY 1979 FOR ORIGINAL RESULTS
McKAY, D.A., 1981, DARLINGTON GENERATING STATION ROCK STRESS MEASUREMENTS, FOREBAY AREA, ONTARIO HYDRO, REPORT NO. 81-148-H

431	43.900	- 78.800	0.2280	S	D	DARLINGTON	ON	IS	HF		17.22	10.52		021	T U WISC	CN M	80 1

UN-1
HAIMSON, B.C. AND LEE, C.F., 1980. HYDROFRACTURING STRESS DETERMINATIONS AT DARLINGTON, ONTARIO; THIRTEENTH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 42-50

147	43.900	- 78.800	0.0366	S	D	DARLINGTON	ON	IS	OC		10.7	07.7		071	T ONTHYD	CN S	81 1

TEST OH 1-5
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS AND EVALUATIONS, REPORT 1, RESULTS OF INITIAL STRESS MEASUREMENTS; ONTARIO HYDRO REPORT NO. 81102, JANUARY 1981

430	43.900	- 78.800	0.2074	S	D	DARLINGTON	ON	IS	HF		12.33	08.87		032	T U WISC	CN M	80 1

UN-1
HAIMSON, B.C. AND LEE, C.F., 1980. HYDROFRACTURING STRESS DETERMINATIONS AT DARLINGTON, ONTARIO; THIRTEENTH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 42-50

513	48.260	- 79.040	0.0010	O	C	ROUYN-NORANDA	PQ	GL	TF	PG				003	T LDGO	CN M	69 1

6 MM THROW
JOHNSON, 1969. LAMONT-DOHERTY GEOLOGICAL OBSERVATORY (UNPUBLISHED)

996	42.520	- 79.050	0.0010	O	C	PORTLAND	NY	GL	BU	CT				045	T CORNEL	US M	77 3

3 BUCKLES IN BED OF CORRELL CREEK
SMITH, A.C.JR., 1977, IN SITU ROCK STRESSES AND SMALL ANTICLINAL FEATURES IN EASTERN NORTH AMERICA. MSc THESIS, CORNELL UNIVERSITY

514	48.260	- 79.070	0.0010	O	C	ROUYN-NORANDA	PQ	GL	TF	PG				179	T LDGO	CN M	69 1

12 MM THROW
JOHNSON, 1969. LAMONT-DOHERTY GEOLOGICAL OBSERVATORY (UNPUBLISHED)

902	43.110	- 79.090	0.0180	O	C	CHIPPAWA	ON	GL	SQ	CT				090	T ONTHYD	CN L	21 3

SEVERAL HUNDRED METRE STRETCH OF CANAL BUCKLED OCT.'21
LO 1978

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP				
418	43.800	- 79.100	0.0179	S	E	PICKERING	ON	IS	OC		5.426	3.544		178	-	CN	79	1

TEST 2;1 OF 4; BLK SHALE;W.DUFFERIN CREEK OUTFALL TUNNEL
MORTON S
MORTON, J.D., BELSHAW, D.J. AND LAVERNE PALMER, J.H., 1979. RESULTS OF INSTRUMENTATION AND OBSERVATION OF A TUNNEL IN BEDDED ROCK WITH HIGH RESIDUAL (IN SITU) STRESSES; RAPID EXCAVATION AND TUNNELING CONF., VOL. 1, 1979, PP.917-935

420	43.800	- 79.100	0.0225	S	E	PICKERING	ON	IS	OC		-1.965	-0.765		009	-	CN	79	1

TEST 5;3 OF 4;Q=MAX COMP STRESS DIR;W.DUFFERIN CREEK
MORTON S
MORTON, J.D., BELSHAW, D.J. AND LAVERNE PALMER, J.H., 1979. RESULTS OF INSTRUMENTATION AND OBSERVATION OF A TUNNEL IN BEDDED ROCK WITH HIGH RESIDUAL (IN SITU) STRESSES; RAPID EXCAVATION AND TUNNELING CONF., VOL. 1, 1979, PP.917-935

422	43.800	- 79.100	0.0210	A	C	PICKERING	ON	IS	OC		3.835	3.136		019	-	CN	79	1

AVERAGE OF 4,SEQ 418-421; WEST DUFFERIN CREEK OUTFALL TUNNEL
MORTON S
MORTON, J.D., BELSHAW, D.J. AND LAVERNE PALMER, J.H., 1979. RESULTS OF INSTRUMENTATION AND OBSERVATION OF A TUNNEL IN BEDDED ROCK WITH HIGH RESIDUAL (IN SITU) STRESSES; RAPID EXCAVATION AND TUNNELING CONF., VOL. 1, 1979, PP.917-935

419	43.800	- 79.100	0.0195	S	E	PICKERING	ON	IS	OC		4.433	3.172		029	-	CN	79	1

TEST 3;2 OF 4;BLK SHALE; W.DUFFERIN CREEK OUTFALL TUNNEL
MORTON S
MORTON, J.D., BELSHAW, D.J. AND LAVERNE PALMER, J.H., 1979. RESULTS OF INSTRUMENTATION AND OBSERVATION OF A TUNNEL IN BEDDED ROCK WITH HIGH RESIDUAL (IN SITU) STRESSES; RAPID EXCAVATION AND TUNNELING CONF., VOL. 1, 1979, PP.917-935

176	46.700	- 79.100	0.0600	O	C	TEMISKAMING	PQ	IS	OC		20.0	07.58	05.52	105	T	CN	67	1

LAC BEAUCHENE PROJECT
HYDQUE S
COMMISSION HYDRO-ELECTRIQUE DU QUEBEC, 1967. MESURE DES CONTRAINTES EN PLACE; CENTRALE HYDRO-ELECTRIQUE DU LAC BEAUCHENE, TEMISCAMINGUE, CONTRAT # 1009-61, DECEMBRE, 1967

1151	40.640	- 79.100	0.7090	O	A	INDIANA COUNTY	PA	IS	BO					077	3	US	87	6

DEPTH IS MEAN OF BREAKOUT RANGE
SCHLUM M
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTEREN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

575	43.100	- 79.100	0.0040	O	B	NIAGARA FALLS	NY	IS	OC		06.7	00.0		044	-	US	69	3

WIDE RANGE IN P AND Q, Q PARTLY TENSIONAL, AZP BETWEEN 034 AND 055
USCOE S
FRANKLIN, J.A. AND HUNGR, O., 1978. ROCK STRESSES IN CANADA--THEIR RELEVANCE TO ENGINEERING PROJECTS; ROCK MECHANICS, SUPPL. 6, 1978, PP. 25-46

421	43.800	- 79.100	0.0240	S	E	PICKERING	ON	IS	OC		7.446	6.591		040	-	CN	79	1

TEST 6;4 OF 4; GREY MUDST.;W.DUFFERIN CREEK OUTFALL TUNNEL
MORTON S
MORTON, J.D., BELSHAW, D.J. AND LAVERNE PALMER, J.H., 1979. RESULTS OF INSTRUMENTATION AND OBSERVATION OF A TUNNEL IN BEDDED ROCK WITH HIGH RESIDUAL (IN SITU) STRESSES; RAPID EXCAVATION AND TUNNELING CONF., VOL. 1, 1979, PP.917-935

861	50.070	- 79.120	0.1800	S	E	SELBAIE MINE	PQ	IS	OC		11.73	4.32	2.03	125	T	CN	84	3

TEST SB4-2
CANMET S 4
ARJANG, B., 1984, FIELD STRESS DETERMINATIONS AT SELBAIE MINE, QUEBEC. CANMET, MINING RESEARCH LABORATORIES, DIVISION REPORT MRP/MRL 84-55

860	50.070	- 79.120	0.1800	S	D	SELBAIE MINE	PQ	IS	OC		9.26	5.05	4.17	133	T	CN	84	3

TEST SB4-1
CANMET S 10
ARJANG, B., 1984, FIELD STRESS DETERMINATIONS AT SELBAIE MINE, QUEBEC. CANMET, MINING RESEARCH LABORATORIES, DIVISION REPORT MRP/MRL 84-55

863	50.070	- 79.120	0.2900	S	D	SELBAIE MINE	PQ	IS	OC		14.69	6.93	5.55	133	T	CN	84	3

TEST SB1-1
CANMET S 12
ARJANG, B., 1984, FIELD STRESS DETERMINATIONS AT SELBAIE MINE, QUEBEC. CANMET, MINING RESEARCH LABORATORIES, DIVISION REPORT MRP/MRL 84-55

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
864	50.070	- 79.120	0.2900	S	E	SELBAIE MINE	PQ	IS	OC		7.04	3.59	3.19	216		SS	CN	84	3
TEST SB2-1,P-AXIS PLUNGES STEEPLY																CANMET	S		35
ARJANG, B., 1984, FIELD STRESS DETERMINATIONS AT SELBAIE MINE, QUEBEC. CANMET, MINING RESEARCH LABORATORIES, DIVISION REPORT MRP/MRL 84-55																			
859	50.070	- 79.120	0.0700	S	E	SELBAIE MINE	PQ	IS	OC		3.37	1.40	-0.45	166		SS	CN	84	3
SB3-1,POOR ROCK CONDITION																CANMET	S		19
ARJANG, B., 1984, FIELD STRESS DETERMINATIONS AT SELBAIE MINE, QUEBEC. CANMET, MINING RESEARCH LABORATORIES, DIVISION REPORT MRP/MRL 84-55																			
858	50.070	- 79.120	0.2300	A	C	SELBAIE MINE	PQ	IS	OC					131	04	T	CN	84	3
AVERAGE TESTS SB4-1,2,3 AND 1-1																CANMET	S		
ARJANG, B., 1984, FIELD STRESS DETERMINATIONS AT SELBAIE MINE, QUEBEC. CANMET, MINING RESEARCH LABORATORIES, DIVISION REPORT MRP/MRL 84-55																			
862	50.070	- 79.120	0.1800	S	D	SELBAIE MINE	PQ	IS	OC		11.66	6.81	6.56	133		SS	CN	84	3
TEST SB4-3																CANMET	S		3
ARJANG, B., 1984, FIELD STRESS DETERMINATIONS AT SELBAIE MINE, QUEBEC. CANMET, MINING RESEARCH LABORATORIES, DIVISION REPORT MRP/MRL 84-55																			
901	43.090	- 79.180	0.0180	O	C	CHIPPAWA	ON	GL	SQ	CT				120		T	CN	64	3
BUCKLING OF 915 M STRETCH OF CHIPPAWA POWER CANAL																ONTHYD	L		
LO 1978																			
131	43.100	- 79.200	0.0125	S	E	THOROLD	ON	IS	OC		12.96	12.07		153		T	CN	75	1
TEST # 1		DOLOMITE																NRC	
PALMER, J.H.L. AND LO, K.Y., 1976. IN-SITU STRESS MEASUREMENTS IN SOME NEAR-SURFACE ROCK FORMATIONS - THOROLD, ONTARIO; CANADIAN GEOTECHNICAL JOURNAL, VOL. 13, NO. 1, FEBRUARY, 1976, PP. 1-7																			
133	43.100	- 79.200	0.0159	S	D	THOROLD	ON	IS	OC		08.14	06.59		062		T	CN	75	1
TEST # 7		DOLOMITE																NRC	
PALMER, J.H.L. AND LO, K.Y., 1976. IN-SITU STRESS MEASUREMENTS IN SOME NEAR-SURFACE ROCK FORMATIONS - THOROLD, ONTARIO; CANADIAN GEOTECHNICAL JOURNAL, VOL. 13, NO. 1, FEBRUARY, 1976, PP. 1-7																			
135	43.100	- 79.200	0.0180	S	D	THOROLD	ON	IS	OC		14.69	11.03		060		T	CN	75	1
TEST # 10		LIMESTONE														NRC	S		
PALMER, J.H.L. AND LO, K.Y., 1976. IN-SITU STRESS MEASUREMENTS IN SOME NEAR-SURFACE ROCK FORMATIONS - THOROLD, ONTARIO; CANADIAN GEOTECHNICAL JOURNAL, VOL. 13, NO. 1, FEBRUARY, 1976, PP. 1-7																			
132	43.100	- 79.200	0.0153	S	D	THOROLD	ON	IS	OC		09.03	05.21		092					T
TEST # 5		DOLOMITE																NRC	
PALMER, J.H.L. AND LO, K.Y., 1976. IN-SITU STRESS MEASUREMENTS IN SOME NEAR-SURFACE ROCK FORMATIONS - THOROLD, ONTARIO; CANADIAN GEOTECHNICAL JOURNAL, VOL. 13, NO. 1, FEBRUARY, 1976, PP. 1-7																			
137	43.100	- 79.200	0.0195	S	D	THOROLD	ON	IS	OC		13.79	06.63		056		T	CN	75	1
TEST # 12		LIMESTONE														NRC	S		
PALMER, J.H.L. AND LO, K.Y., 1976. IN-SITU STRESS MEASUREMENTS IN SOME NEAR-SURFACE ROCK FORMATIONS - THOROLD, ONTARIO; CANADIAN GEOTECHNICAL JOURNAL, VOL. 13, NO. 1, FEBRUARY, 1976, PP. 1-7																			
134	43.100	- 79.200	0.0170	S	D	THOROLD	ON	IS	OC		08.96	06.66		076		T	CN	75	1
TEST # 8		LIMESTONE																NRC	
PALMER, J.H.L. AND LO, K.Y., 1976. IN-SITU STRESS MEASUREMENTS IN SOME NEAR-SURFACE ROCK FORMATIONS - THOROLD, ONTARIO; CANADIAN GEOTECHNICAL JOURNAL, VOL. 13, NO. 1, FEBRUARY, 1976, PP. 1-7																			

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

136     43.100  - 79.200     0.0183  S  D  THOROLD               ON  IS  OC      14.69   11.17           058      T    CN  75 1
  TEST # 10  LIMESTONE                                                                                          NRC    S
  PALMER, J.H.L. AND LO, K.Y., 1976. IN-SITU STRESS MEASUREMENTS IN SOME NEAR-SURFACE ROCK FORMATIONS - THOROLD,
    ONTARIO; CANADIAN GEOTECHNICAL JOURNAL, VOL. 13, NO. 1, FEBRUARY, 1976, PP. 1-7

138     43.100  - 79.200     0.0243  S  D  THOROLD               ON  IS  OC      10.48   06.83           060      T    CN  75 1
  TEST # 15  LIMESTONE                                                                                          NRC    S
  PALMER, J.H.L. AND LO, K.Y., 1976. IN-SITU STRESS MEASUREMENTS IN SOME NEAR-SURFACE ROCK FORMATIONS - THOROLD,
    ONTARIO; CANADIAN GEOTECHNICAL JOURNAL, VOL. 13, NO. 1, FEBRUARY, 1976, PP. 1-7

139     43.100  - 79.200     0.0176  A  B  THOROLD               ON  IS  OC      11.59   08.27           066      T    CN  75 1
  AVERAGE OF 8: SEQ #'S 131-138                                                                                 NRC    S
  PALMER, J.H.L. AND LO, K.Y., 1976. IN-SITU STRESS MEASUREMENTS IN SOME NEAR-SURFACE ROCK FORMATIONS - THOROLD,
    ONTARIO; CANADIAN GEOTECHNICAL JOURNAL, VOL. 13, NO. 1, FEBRUARY, 1976, PP. 1-7

511     48.520  - 79.220     0.0010  O  C  DUPARQUET            PQ  GL  TF  PG                          160      T    CN  80 1
  5 MM THROW ON 5 FAULTS DIPPING VERTICALLY                                                                     EPB    M
  ADAMS, J., 1980. EARTH PHYSICS BRANCH (UNPUBLISHED)

607     43.110  - 79.250     0.0010  O  C  NIAGARA               ON  GL  PU  PG                          065  35  T    CN  85 1
  NEED TO FIND INDIVIDUAL DATA, AVERAGE OF 10 VALUES                                                            NYSGS  M
  ISACHSEN, Y.W., 1985. STRUCTURAL AND TECTONIC STUDIES IN NEW YORK STATE, FINAL REPORT JULY '81 - JUNE '82;
  U.S. NUCLEAR REGULATORY COMMISSION, CR-3178RA, 74 PP.

512     48.200  - 79.260     0.0010  O  C  ARNTFIELD             PQ  GL  TF  PG                          066      T    CN  69 1
  40 MM THROW                                                                                                   LDGO   M
  JOHNSON, 1969. LAMONT-DOHERTY GEOLOGICAL OBSERVATORY (UNPUBLISHED)

574     43.800  - 79.300     0.0700  O  E  SCARBOROUGH           ON  IS  OC      1.7     1.6     1.5     090      T    CN  75 1
  EASTERLY FILTRATION PLANT INTAKE TUNNEL:   NEAR ISOTROPIC                                                     FRTROW S
  FRANKLIN TROW ASSOCIATES LTD., 1976. FINAL REPORT ON GROUND MOVEMENT MONITORING, STRESS DETERMINATION AND ANALYSIS
    FOR A TUNNEL IN THE COLLINGWOOD SHALE, SCARBOROUGH, ONTARIO; PROJECT NO. F104, SEPTEMBER 23, 1976

437     43.800  - 79.300     0.0010  O  D  SCARBOROUGH           ON  GL  FD  PG                          030      T    CN  82 1
  ROUGE RIVER; FAULTED FOLD; [P.KARROW-PERSONAL COMM.]                                                          -      M
  WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN;
    PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54

572     42.800  - 79.300     0.0010  O  C  PORT COLBORNE         ON  GL  BU  CT                          049      T    CN  84 2
  ABANDONED CANADA CEMENT QUARRY     3 BUCKLES AND 1 TRANSVERSE                                                BROCK  M
  WILLIAMS, H.R., CORKERY, D., AND LOREK, E.G., 1984. A STUDY OF JOINTS AND STRESS-RELEASE BUCKLES IN PALAEOZOIC ROCKS
    OF THE NIAGARA PENINSULA, SOUTHERN ONTARIO; CANADIAN J. OF EARTH SCIENCES, VOL. 22, 1985, PP.296-300

436     43.700  - 79.400     0.0010  O  D  TORONTO               ON  GL  FD  PG                          120      T    CN  82 1
  UNION STATION FLYUNDER; [C.KUSTRA - PERSONAL COMM.]                                                           -      M
  WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN;
    PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54

451     43.700  - 79.400     0.0010  O  D  TORONTO               ON  GL  FD  PG                          156      T    CN  82 3
  UNION STATION FLYUNDER; [E.MAGNI - PERSONAL COMM.]                                                            -      M
  WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN;
    PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
1145	42.130	- 79.500	0.6370	O	B	CHAUTAUQUA COUNTY	NY	IS	BO					072	6		US	87	6
DEPTH IS MEAN OF BREAKOUT RANGE																	SCHLUM	M	
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTEREN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																			
1082	42.130	- 79.500	0.5000	O	B	JAMESTOWN	NY	IS	BO					072			US		5
NO SUPPORTING REFERENCES, DEPTH ASSUMED																	S		
ZOBACK AND ZOBACK STRESS DATA FILE SEQ #NY-15																			
851	50.130	- 79.550	0.0600	S	D	DETOUR LAKE MINE	ON	IS	OC		3.78	2.21		049		T	CN	85	3
60 m OREBODY, TEST DL3-3																	CANMET	S	
ARJANG, B. AND G. HERGET, 1985. STRESS DETERMINATION AT DETOUR LAKE MINE, NORTHERN ONTARIO CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-77 (TR)																			
847	50.130	- 79.550	0.0600	S	D	DETOUR LAKE MINE	ON	IS	OC		1.09	0.82		076		T	CN	85	3
60 m FOOTWALL, TEST DL2-2																	CANMET	S	
ARJANG, B. AND G. HERGET, 1985. STRESS DETERMINATION AT DETOUR LAKE MINE, NORTHERN ONTARIO CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-77 (TR)																			
846	50.130	- 79.550	0.0850	S	D	DETOUR LAKE MINE	ON	IS	OC		0.53	0.43		099		T	CN	85	3
85 m HANGING WALL, TEST DL1-3																	CANMET	S	
ARJANG, B. AND G. HERGET, 1985. STRESS DETERMINATION AT DETOUR LAKE MINE, NORTHERN ONTARIO CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-77 (TR)																			
844	50.130	- 79.550	0.0700	A	C	DETOUR LAKE MINE	ON	IS	OC					071	29	T	CN	85	3
AVERAGE OF 7 TESTS																	CANMET	S	
ARJANG, B. AND G. HERGET, 1985. STRESS DETERMINATION AT DETOUR LAKE MINE, NORTHERN ONTARIO CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-77 (TR)																			
849	50.130	- 79.550	0.0600	S	D	DETOUR LAKE MINE	ON	IS	OC		1.38	0.65		176		T	CN	85	3
60 m OREBODY, TEST DL3-1																	CANMET	S	
ARJANG, B. AND G. HERGET, 1985. STRESS DETERMINATION AT DETOUR LAKE MINE, NORTHERN ONTARIO CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-77 (TR)																			
522	46.330	- 79.550	0.0010	O	C	NORTH BAY	ON	GL	TF	PG				020		T	CN	81	1
4 MM THROW ON 6 FAULTS DIPPING 85 S SITE # 100																	EPB		M
ADAMS, J., 1981, UNPUBLISHED FIELD NOTES																			
848	50.130	- 79.550	0.0600	S	D	DETOUR LAKE MINE	ON	IS	OC		0.61	0.32		087		T	CN	85	3
60 m FOOTWALL, TEST DL2-3																	CANMET	S	
ARJANG, B. AND G. HERGET, 1985. STRESS DETERMINATION AT DETOUR LAKE MINE, NORTHERN ONTARIO CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-77 (TR)																			
845	50.130	- 79.550	0.0850	S	D	DETOUR LAKE MINE	ON	IS	OC		9.68	2.82		068		T	CN	85	3
85 m HANGING WALL, TEST DL1-2																	CANMET	S	
ARJANG, B. AND G. HERGET, 1985. STRESS DETERMINATION AT DETOUR LAKE MINE, NORTHERN ONTARIO CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-77 (TR)																			
850	50.130	- 79.550	0.0600	S	D	DETOUR LAKE MINE	ON	IS	OC		2.51	1.75		062		T	CN	85	3
60 m OREBODY, TEST DL3-2																	CANMET	S	
ARJANG, B. AND G. HERGET, 1985. STRESS DETERMINATION AT DETOUR LAKE MINE, NORTHERN ONTARIO CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-77 (TR)																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
880	43.570	- 79.580	0.0114	A	C	MISSISSAUGA	ON	IS	OC					114	15	T	CN	81	3
AVERAGE OF 4 VALUES SEQ 876-879																ONTHYD	S		
LEE,C.F., 1981, IN-SITU STRESS MEASUREMENTS IN SOUTHERN ONTARIO ONTARIO HYDRO																			
877	43.570	- 79.580	0.0087	S	D	MISSISSAUGA	ON	IS	OC		5.0	3.7		093		T	CN	81	3
LAKEVIEW SEWER OUTFALL TUNNEL																ONTHYD	S		
LEE, C.F., 1981, IN-SITU STRESS MEASUREMENTS IN SOUTHERN ONTARIO ONTARIO HYDRO																			
876	43.570	- 79.580	0.0150	S	D	MISSISSAUGA	ON	IS	OC		4.0	2.0		131		T	CN	81	3
LAKEVIEW SEWER OUTFALL TUNNEL																ONTHYD	S		
LEE, C.F., 1981, IN-SITU STRESS MEASUREMENTS IN SOUTHERN ONTARIO ONTARIO HYDRO																			
879	43.570	- 79.580	0.0123	S	D	MISSISSAUGA	ON	IS	OC		1.1	0.5		123		T	CN	81	3
LAKEVIEW SEWER OUTFALL TUNNEL																ONTHYD	S		
LEE, C.F., 1981, IN-SITU STRESS MEASUREMENTS IN SOUTHERN ONTARIO ONTARIO HYDRO																			
878	43.570	- 79.580	0.0097	S	D	MISSISSAUGA	ON	IS	OC		6.8	4.7		108		T	CN	81	3
LAKEVIEW SEWER OUTFALL TUNNEL																ONTHYD	S		
LEE, C.F., 1981, IN-SITU STRESS MEASUREMENTS IN SOUTHERN ONTARIO ONTARIO HYDRO																			
496	43.500	- 79.600	0.0020	O	C	MISSISSAUGA	ON	GL	FD	PG				080		T	CN	73	3
LORNE PARK,SW OF TORONTO																UWATLO	M		
WHITE, O.L., KARROW, P.F., AND MACDONALD, J.R., 1974. RESIDUAL STRESS RELIEF PHENOMENA IN SOUTHERN ONTARIO; PROCEEDINGS OF THE 9TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1974, PP. 323-348																			
529	45.700	- 79.600	0.0010	O	E	SUNRIDGE	ON	GL	TF	PG				145		T	CN	80	1
1 FAULT UPTHRUST TO S.E. 4 MM																EPB	M		
ADAMS, J., 1980, UNPUBLISHED FIELD NOTES																			
501	43.800	- 79.600	0.0010	O	B	WOODBRIDGE	ON	GL	FD	PG				038		T	CN	73	3
FOLD TRENDS 128 DEGREES, 0.6 M STRATA FOLDED. OVERLAIN BY 1.7 M ALLUVIUM.																UWATLO	M		
WHITE, O.L., KARROW, P.F., AND MACDONALD, J.R., 1974. RESIDUAL STRESS RELIEF PHENOMENA IN SOUTHERN ONTARIO; PROCEEDINGS OF THE 9TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1974, PP. 323-348																			
897	43.650	- 79.660	0.0030	O	C	BRITANNIA	ON	GL	FD	UK				090		T	CN	85	3
NORTH SIDE HWY 401 W OF 410; IN SHALE																ONTHYD	M		
GRASS, J., 1985 [PERSONAL COMM.]																			
510	48.120	- 79.680	0.0010	O	C	LARDER LAKE	ON	GL	TF	PG				020		T	CN	80	1
21 MM THROW ON 7 FAULTS DIPPING 80 S																EPB	M		
ADAMS, J., 1980. EARTH PHYSICS BRANCH (UNPUBLISHED)																			
163	43.600	- 79.700	0.0158	S	D	HEART LAKE, TORONTO	ON	IS	OC		07.59	05.16		010		-	CN	77	1
INTENSELY LAYERED LIMESTONE AND SHALE																ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP				
154	43.600	- 79.700	0.0064	S	D	HEART LAKE, TORONTO	ON	IS	OC		01.99	01.65		146	-	CN	77	2
HEART LAKE TUNNEL															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																		
164	43.600	- 79.700	0.0182	S	D	HEART LAKE, TORONTO	ON	IS	OC		03.89	-0.8		177	-	CN	77	1
0.25 M THICK LIMESTONE LAYER															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																		
155	43.600	- 79.700	0.0136	S	D	HEART LAKE, TORONTO	ON	IS	OC		09.50	06.32		160	-	CN	77	2
HEART LAKE TUNNEL															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																		
502	43.400	- 79.700	0.0010	O	B	OAKVILLE	ON	GL	FD	PG				070	T	CN	73	1
JOSHUA CREEK															UWATLO	M		
WHITE, O.L., KARROW, P.F., AND MACDONALD, J.R., 1974. RESIDUAL STRESS RELIEF PHENOMENA IN SOUTHERN ONTARIO; PROCEEDINGS OF THE 9TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1974, PP. 323-348																		
157	43.600	- 79.700	0.0111	S	D	HEART LAKE, TORONTO	ON	IS	OC		06.51	03.43		094	-	CN	77	2
HEART LAKE TUNNEL															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																		
498	43.400	- 79.700	0.0010	O	D	OAKVILLE	ON	GL	TF	PG				045	T	CN	73	1
AFTER CALEY (1940) AND KARROW (1963)															UWATLO	M		
WHITE, O.L., KARROW, P.F., AND MACDONALD, J.R., 1974. RESIDUAL STRESS RELIEF PHENOMENA IN SOUTHERN ONTARIO; PROCEEDINGS OF THE 9TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1974, PP. 323-348																		
504	43.750	- 79.700	0.0010	O	C	CLAIRVILLE	ON	GL	TF	PG				090	T	CN	73	1
WEST HUMBER RIVER 0.2 M THRUST DISPLACEMENT DIPS W															UWATLO	M		
WHITE, O.L., KARROW, P.F., AND MACDONALD, J.R., 1974. RESIDUAL STRESS RELIEF PHENOMENA IN SOUTHERN ONTARIO; PROCEEDINGS OF THE 9TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1974, PP. 323-348																		
156	43.600	- 79.700	0.0066	S	D	HEART LAKE, TORONTO	ON	IS	OC		01.87	0.86		146	-	CN	77	2
HEART LAKE TUNNEL															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																		
497	43.400	- 79.700	0.0010	O	D	OAKVILLE	ON	GL	TF	PG				150	T	CN	73	1
AFTER CALEY (1940) AND KARROW (1963)															UWATLO	M		
WHITE, O.L., KARROW, P.F., AND MACDONALD, J.R., 1974. RESIDUAL STRESS RELIEF PHENOMENA IN SOUTHERN ONTARIO; PROCEEDINGS OF THE 9TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1974, PP. 323-348																		
165	43.600	- 79.700	0.0120	A	B	HEART LAKE, TORONTO	ON	IS	OC		04.58	02.76		146	-	CN	77	1
AVERAGE OF 11 TESTS															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION, REPORT NO. 81282, MAY, 1981																		
499	43.400	- 79.700	0.0010	O	D	OAKVILLE	ON	GL	FD	PG				010	T	CN	73	1
AFTER KARROW															UWATLO	M		
WHITE, O.L., KARROW, P.F., AND MACDONALD, J.R., 1974. RESIDUAL STRESS RELIEF PHENOMENA IN SOUTHERN ONTARIO; PROCEEDINGS OF THE 9TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1974, PP. 323-348																		

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP				
158	43.600	- 79.700	0.0147	S	D	HEART LAKE, TORONTO	ON	IS	OC		09.21	06.07		178	-	CN	77	2
HEART LAKE TUNNEL															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																		
160	43.600	- 79.700	0.0092	S	D	HEART LAKE, TORONTO	ON	IS	OC		01.25	0.89		105	-	CN	77	2
HEART LAKE TUNNEL															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																		
159	43.600	- 79.700	0.0078	S	D	HEART LAKE, TORONTO	ON	IS	OC		02.27	01.74		099	-	CN	77	2
HEART LAKE TUNNEL															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																		
161	43.600	- 79.700	0.0112	S	D	HEART LAKE, TORONTO	ON	IS	OC		02.82	02.36		129	-	CN	77	2
HEART LAKE TUNNEL															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																		
435	43.400	- 79.700	0.0010	O	D	OAKVILLE	ON	GL	FD	PG				110	T	CN	82	1
FROM PERSONAL COMM. WITH C. MIRZA															-	M		
WHITE, O.L. AND RUSSELL, D.J., 1982. HIGH HORIZONTAL STRESSES IN SOUTHERN ONTARIO - THEIR ORIENTATION AND THEIR ORIGIN; PROC. OF THE 4TH INT. CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, VOL. V, 1982, PP. V.39-V.54																		
162	43.600	- 79.700	0.0135	S	D	HEART LAKE, TORONTO	ON	IS	OC		03.52	02.69		048	-	CN	77	2
HEART LAKE TUNNEL															ONTMTC	S		
LO, K.Y., 1981. ONTARIO HYDRO, DARLINGTON GENERATING STATION 'A', ROCK STRESS MEASUREMENTS, REPORT 3, EVALUATION OF REGIONAL STRESS CONDITION; ONTARIO HYDRO REPORT NO. 81282, MAY, 1981																		
509	47.450	- 79.740	0.0010	O	C	HAILEYBURY	ON	GL	TF	PG				150	T	CN	80	1
17 MM THROW ON 6 FAULTS DIPPING 80 NW															EPB	M		
ADAMS, J., 1980. EARTH PHYSICS BRANCH (UNPUBLISHED)																		
500	43.800	- 79.800	0.0010	O	B	TULLAMORE	ON	GL	PU	PG				160	T	CN	73	3
SALT CREEK VALLEY 500 M LONG, 1 M HIGH															UWATLO	M		
WHITE, O.L., KARROW, P.F., AND MACDONALD, J.R., 1974. RESIDUAL STRESS RELIEF PHENOMENA IN SOUTHERN ONTARIO; PROCEEDINGS OF THE 9TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1974, PP. 323-348																		
454	43.200	- 79.800	0.0020	O	C	HAMILTON MOUNTAIN	ON	GL	SQ	CT				062	25 -	CN	77	1
19 MEASUREMENTS OF SQUEEZE SEE ALSO C.G.J. 15:128															U OF T	M		
ROEGIERS, J.-C., THOMPSON, J.C., AND MCLENNAN, J.D., 1979. ROCK MOVEMENTS INDUCED BY THE CONSTRUCTION OF THE HAMILTON MOUNTAIN TRUNK SEWER (STAGE 4); CANADIAN GEOTECHNICAL JOURNAL, VOL. 16, 1979, PP. 651-658																		
503	43.300	- 79.800	0.0010	O	B	BURLINGTON	ON	GL	PU	PG				006	T	CN	73	3
CIP CONTAINERS PARKING LOT 2.1 KM LONG, 1 M HIGH															UWATLO	M		
WHITE, O.L., KARROW, P.F., AND MACDONALD, J.R., 1974. RESIDUAL STRESS RELIEF PHENOMENA IN SOUTHERN ONTARIO; PROCEEDINGS OF THE 9TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1974, PP. 323-348																		
505	43.500	- 79.900	0.0010	O	C	ZIMMERMAN	ON	GL	TF	PG				090	T	CN	73	1
NELSON TOWNSHIP, HALTON COUNTY 0.6 M THRUST DISP. DIPS E															UWATLO	M		
WHITE, O.L., KARROW, P.F., AND MACDONALD, J.R., 1974. RESIDUAL STRESS RELIEF PHENOMENA IN SOUTHERN ONTARIO; PROCEEDINGS OF THE 9TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1974, PP. 323-348																		

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
885	43.515	- 79.907	0.0305	S	D	MILTON	ON	IS	OC		10.84	4.44		205		T	CN	82	3
DQ-7 TEST#3 DUFFERIN QUARRY																ONTHYD	S		
McKAY, D.A.,1983, IN-SITU STRESS MEASUREMENTS AT THE DUFFERIN QUARRY																			
ONTARIO HYDRO, REPORT NO.83-376-K																			
884	43.515	- 79.907	0.0248	S	D	MILTON	ON	IS	OC		7.06	0.21		032		T	CN	82	3
DQ-7 TEST#2 DUFFERIN QUARRY																ONTHYD	S		
McKAY, D.A.,1983, IN-SITU STRESS MEASUREMENTS AT THE DUFFERIN QUARRY																			
ONTARIO HYDRO, REPORT NO.83-376-K																			
882	43.515	- 79.907	0.0095	S	E	MILTON	ON	IS	OC		0.044	-0.82		038		T	CN	82	3
DQ-6;TEST 2;DUFFERIN QUARRY; PARTLY STRESS RELIEVED?																ONTHYD	S		
McKAY, D.A.,1983, IN-SITU STRESS MEASUREMENTS AT THE DUFFERIN QUARRY																			
ONTARIO HYDRO, REPORT NO.83-376-K																			
883	43.515	- 79.907	0.0245	S	D	MILTON	ON	IS	OC		9.09	0.14		062		T	CN	82	3
DQ-7 TEST#1 IN DUFFERIN QUARRY																ONTHYD	S		
McKAY, D.A.,1983, IN-SITU STRESS MEASUREMENTS AT THE DUFFERIN QUARRY																			
ONTARIO HYDRO, REPORT NO.83-376-K																			
881	43.515	- 79.907	0.0061	S	D	MILTON	ON	IS	OC		8.16	2.41		032		T	CN	82	3
DQ-6 TEST#1 OUTSIDE DUFFERIN QUARRY																ONTHYD	S		
McKAY, D.A.,1983, IN-SITU STRESS MEASUREMENTS AT THE DUFFERIN QUARRY																			
ONTARIO HYDRO, REPORT NO.83-376-K																			
886	43.515	- 79.907	0.0191	A	C	MILTON	ON	IS	OC		6.09	1.16		037	13	T	CN	82	3
DUFFERIN QUARRY; AVERAGE OF 6 VALUES SEQ 881-885																ONTHYD	S		
McKAY, D.A.,1983, IN-SITU STRESS MEASUREMENTS AT THE DUFFERIN QUARRY																			
ONTARIO HYDRO, REPORT NO.83-376-K																			
840	48.170	- 80.020	1.8900	S	D	KIRKLAND LAKE	ON	IS	OC		75.95	36.10	28.51	015		T	CN	85	3
MACASSA MINE, TEST MA2-2																CANMET	S		18
ARJANG, B. AND G. VAILLANCOURT, 1985. FIELD STRESS DETERMINATIONS AT MACASSA MINE, KIRKLAND LAKE, ONTARIO;																			
CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-63(TR)																			
835	48.170	- 80.020	1.7400	A	C	KIRKLAND LAKE	ON	IS	OC					168	25	T	CN	85	3
AVERAGE OF 6 TESTS: MACASSA MINE																CANMET	S		
ARJANG, B. AND G. VAILLANCOURT, 1985. FIELD STRESS DETERMINATIONS AT MACASSA MINE, KIRKLAND LAKE, ONTARIO;																			
CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-63(TR)																			
838	48.170	- 80.020	1.5850	S	D	KIRKLAND LAKE	ON	IS	OC		54.12	33.56	29.19	162		T	CN	85	3
MACASSA MINE, TEST MA4-3, MACASSA MINE																CANMET	S		10
ARJANG, B. AND G. VAILLANCOURT, 1985. FIELD STRESS DETERMINATIONS AT MACASSA MINE, KIRKLAND LAKE, ONTARIO;																			
CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-63(TR)																			
839	48.170	- 80.020	1.8900	S	D	KIRKLAND LAKE	ON	IS	OC		83.24	61.84	47.54	173		T	CN	85	3
MACASSA MINE, TEST MA2-1																CANMET	S		16
ARJANG, B. AND G. VAILLANCOURT, 1985. FIELD STRESS DETERMINATIONS AT MACASSA MINE, KIRKLAND LAKE, ONTARIO;																			
CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-63(TR)																			
837	48.170	- 80.020	1.5850	S	D	KIRKLAND LAKE	ON	IS	OC		62.20	41.21	27.73	118		T	CN	85	3
MACASSA MINE, TEST MA4-2																CANMET	S		20
ARJANG, B. AND G. VAILLANCOURT, 1985. FIELD STRESS DETERMINATIONS AT MACASSA MINE, KIRKLAND LAKE, ONTARIO;																			
CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-63(TR)																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP				
841	48.170	- 80.020	1.8900	S	D	KIRKLAND LAKE	ON	IS	OC		88.59	67.06	40.24	006	T	CN	85	3
MACASSA MINE, TEST MA2-3															CANMET	S		24
ARJANG, B. AND G. VAILLANCOURT, 1985. FIELD STRESS DETERMINATIONS AT MACASSA MINE, KIRKLAND LAKE, ONTARIO; CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-63(TR)																		
836	48.170	- 80.020	1.5850	S	D	KIRKLAND LAKE	ON	IS	OC		67.45	43.18	32.81	157	T	CN	85	3
MACASSA MINE, TEST MA4-1															CANMET	S		13
ARJANG, B. AND G. VAILLANCOURT, 1985. FIELD STRESS DETERMINATIONS AT MACASSA MINE, KIRKLAND LAKE, ONTARIO; CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 85-63(TR)																		
1152	41.910	- 80.100	0.7740	O	A	ERIE COUNTY	PA	IS	BO					025 2		US	87	6
DEPTH IS MEAN OF BREAKOUT RANGE															SCHLUM	M		
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTEREN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																		
1143	42.170	- 80.130	0.2390	O	B	ERIE COUNTY	PA	IS	PC					065		US	87	6
DEPTH IS MEAN OF FRACTURE RANGE. EGSP WELL OH-4															SCHLUM	M		
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																		
898	43.610	- 80.130	0.0030	O	D	ROCKWOOD	ON	GL	FD	UK				045	T	CN	41	3
FOLD IN LIMESTONE QUARRY E. SIDE OF ERAMOSA RIVER																M		
CALEY, 1941																		
1149	41.280	- 80.260	1.2070	O	D	MERCER COUNTY	PA	IS	BO					040		US	87	6
DEPTH IS MEAN OF BREAKOUT RANGE															SCHLUM	M		
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTEREN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																		
899	43.890	- 80.280	0.0030	O	D	WALDEMAR	ON	GL	FD	UK				045	T	CN	41	3
ANTICLINAL WARPINGS ON GRAND RIVER NEAR WALDEMAR AND TARBERT																M		
CALEY,1941																		
1144	41.890	- 80.280	1.1070	O	A	LAWRENCE COUNTY	PA	IS	PC					045		US	87	6
DEPTH IS MEAN OF FRACTURE RANGE. EGSP WELL OH-4															SCHLUM	M		
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																		
1141	41.960	- 80.540	0.2740	O	B	ASHTABULA COUNTY	OH	IS	PC					055		US	87	6
DEPTH IS MEAN OF FRACTURE RANGE. EGSP WELL OH-4															SCHLUM	M		
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																		
1116	43.150	- 80.567	0.9000	O	B	GOBLES	ON	FM	C	M1				060	T	CN	84	5
COMPOSITE OF MICROEARTHQUAKES (FAMILY 2) INDUCED BY OIL PRODUCTION.															UWO	S	060	20
MEREU, R.F., BRUNET, J., MORRISSEY, K., PRICE, B. AND YAPP, A., 1986. A STUDY OF THE MICROEARTHQUAKES OF THE GOBLES OIL FIELD AREA OF SW ONTARIO; BULL. OF THE SEIS. SOC. OF AMERICA, VOL 76. P. 1215-12223.																	150	00
																	240	70
1115	43.150	- 80.567	0.9000	O	C	GOBLES	ON	FM	C	M1				-330	N	CN	84	5
COMPOSITE OF MICROEARTHQUAKES (FAMILY 1) INDUCED BY OIL PRODUCTION.															UWO	S	150	65
MEREU, R.F., BRUNET, J., MORRISSEY, K., PRICE, B. AND YAPP, A., 1986. A STUDY OF THE MICROEARTHQUAKES OF THE GOBLES OIL FIELD AREA OF SW ONTARIO; BULL. OF THE SEIS. SOC. OF AMERICA, VOL 76. P. 1215-12223.																	060	00
																	330	25

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP				
1147	41.670	- 80.760	0.9720	O	B	ASHTABULA COUNTY	OH	IS	BO					042	3		US	87 6
DEPTH IS MEAN OF BREAKOUT RANGE																	SCHLUM M	
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTEREN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																		
1142	41.170	- 80.920	0.6090	O	A	TRUMBULL COUNTY	OH	IS	PC					050			US	87 6
DEPTH IS MEAN OF FRACTURE RANGE. EGSP WELL OH-4																	SCHLUM M	
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTERN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																		
488	46.500	- 81.000	2.1340	S	D	SUDBURY	ON	IS	OC		61.4	37.1	26.8	085		-	CN	80 1
CREIGHTON MINE																	CANMET S	08
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																		
480	46.500	- 81.000	0.7010	S	D	SUDBURY	ON	IS	OC		38.0	27.0	16.4	120		-	CN	80 1
CREIGHTON MINE																	CANMET S	25
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																		
491	46.500	- 81.000	1.4890	A	C	SUDBURY	ON	IS	OC		74.6	54.1	40.3	086	21	-	CN	80 1
AVERAGE OF 13: SEQ #'S 0478 TO 0490																	CANMET S	14
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																		
489	46.500	- 81.000	2.1340	S	D	SUDBURY	ON	IS	OC		63.9	39.2	28.8	086		-	CN	80 1
CREIGHTON MINE																	CANMET S	22
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																		
490	46.500	- 81.000	2.1340	S	D	SUDBURY	ON	IS	OC		82.7	48.2	41.9	087		-	CN	80 1
CREIGHTON MINE																	CANMET S	02
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																		
487	46.500	- 81.000	2.0730	S	D	SUDBURY	ON	IS	OC		133.6	124.8	123.1	091		-	CN	80 1
CREIGHTON MINE																	CANMET S	18
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																		
479	46.500	- 81.000	0.7010	S	D	SUDBURY	ON	IS	OC		37.4	28.8	14.1	129		-	CN	80 1
CREIGHTON MINE																	CANMET S	32
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																		
484	46.500	- 81.000	1.7070	S	D	SUDBURY	ON	IS	OC		128.7	100.7	62.3	069		-	CN	80 1
CREIGHTON MINE																	CANMET S	10
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																		
481	46.500	- 81.000	1.2190	S	D	SUDBURY	ON	IS	OC		60.33	45.7	34.3	070		-	CN	80 1
CREIGHTON MINE																	CANMET S	13
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																		

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SEQ     LAT       LON       DEPTH     N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 485    46.500  - 81.000     1.7070   S  D  SUDBURY              ON  IS  OC      131.7   112.2   68.9    068     -     CN  80 1
   CREIGHTON MINE                                                                                          CANMET S      00
   HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK
     MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

 482    46.500  - 81.000     1.2190   S  D  SUDBURY              ON  IS  OC      34.5    20.5    13.3    092     -     CN  80 1
   CREIGHTON MINE                                                                                          CANMET S      12
   HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK
     MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

 486    46.500  - 81.000     1.7070   S  D  SUDBURY              ON  IS  OC      84.1    53.9    40.5    068     -     CN  80 1
   CREIGHTON MINE                                                                                          CANMET S      07
   HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK
     MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

 478    46.500  - 81.000     0.7010   S  D  SUDBURY              ON  IS  OC      32.5    25.8    16.6    111     -     CN  80 1
   CREIGHTON MINE                                                                                          CANMET S      30
   HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK
     MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

 483    46.500  - 81.000     1.2190   S  D  SUDBURY              ON  IS  OC      80.7    40.0    36.6    063     -     CN  80 1
   CREIGHTON MINE                                                                                          CANMET S      06
   HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK
     MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

1105    41.640  - 81.110    15.0000   O  A  PAINSVILLE           OH  FM  M   M5                          068     SS    US  86 5
   860131  Mb = 5.0                                                                                        HARVD  M 068 09
   DZIEWONSKI, A.M., EKSTROM, G., FRANZEN, J.E. AND WOODHOUSE, J.H., 1987.  CENTROID-MOMENT TENSOR SOLUTIONS FOR JANUARY  183 70
     -MARCH, 1986; PHYSICS OF THE EARTH AND PLANETARY INTERIORS, VOL. 45, P. 1-10.                                     335 17

 528    46.420  - 81.150     0.0010   O  C  SUDBURY              ON  GL  TF  PG                          090     T     CN  81 1
   10 MM THROW ON 12 FAULTS          SITE # 102                                                                     EPB
   ADAMS, J., 1981, UNPUBLISHED FIELD NOTES

 527    46.420  - 81.150     0.0010   O  C  SUDBURY              ON  GL  TF  PG                          010     T     CN  81 1
   9 MM THROWN ON 8 FAULTS DIPPING 80 S       SITE # 102                                                          EPB    M
   ADAMS, J., 1981, UNPUBLISHED FIELD NOTES

 524    46.570  - 81.290     0.0010   O  C  CHELMSFORD           ON  GL  TF  PG                          060     T     CN  81 1
   4 MM THROW ON 4 FAULTS DIPPING VERTICALLY  SITE # 101 A                                                   EPB    M
   ADAMS, J., 1981, UNPUBLISHED FIELD NOTES

 523    46.570  - 81.290     0.0010   O  C  CHELMSFORD           ON  GL  TF  PG                          010     T     CN  81 1
   1.5 MM THROW ON 2 FAULTS DIPPING VERTICALLY        SITE # 101                                                EPB    M
   ADAMS, J., 1981, UNPUBLISHED FIELD NOTES

 468    48.190  - 81.350     0.7320   S  D  TIMMINS              ON  IS  OC      72.6    64.7    34.4    078     -     CN  80 3
   KIDD CREEK MINE                                                                                         CANMET S      19
   HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK
     MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
470	48.190	- 81.350	0.8530	S	D	TIMMINS	ON	IS	OC		53.2	39.9	16.3	077		-	CN	80	3
KIDD CREEK MINE																CANMET	S		12
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																			
471	48.190	- 81.350	0.7320	A	C	TIMMINS	ON	IS	OC		53.1	45.8	20.1	080	09	-	CN	80	3
AVERAGE OF 4: SEQ #'S 0467 TO 0470																CANMET	S		12
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																			
467	48.190	- 81.350	0.4880	S	D	TIMMINS	ON	IS	OC		33.1	26.8	10.7	094		-	CN	80	3
KIDD CREEK MINE																CANMET	S		06
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																			
469	48.190	- 81.350	0.8530	S	D	TIMMINS	ON	IS	OC		53.3	51.9	19.1	070		-	CN	80	3
KIDD CREEK MINE																CANMET	S		10
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																			
395	42.800	- 81.500	1.0000	O	C	MIDDLESEX COUNTY	ON	IS	BO					061		-	CN	83	1
																SCHLUM	M		
COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17																			
492	46.800	- 81.600	1.2270	S	D	ONAPING	ON	IS	OC		67.0	39.8	32.8	088		-	CN	80	1
																CANMET	S		20
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																			
495	46.800	- 81.600	1.2270	A	C	ONAPING	ON	IS	OC		64.5	39.3	32.7	084		-	CN	80	1
AVG. SEQ # 492-494																CANMET	S		23
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																			
493	46.800	- 81.600	1.2270	S	D	ONAPING	ON	IS	OC		59.0	33.4	28.2	084		-	CN	80	1
																CANMET	S		22
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																			
494	46.800	- 81.600	1.2270	S	D	ONAPING	ON	IS	OC		67.5	44.6	37.1	080		-	CN	80	1
																CANMET	S		26
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																			
598	41.010	- 81.640	0.7900	O	C	BARBERTON	OH	IS	OC		37.2	29.3	27.6	068		SS/T	US	62	5
DEEPEST OF 5 MEASUREMENTS IN FLOOR OF ADIT ; AZP ROTATES E TO NE WITH DEPTH.																USBM	S		
OBERT, L., 1962. IN SITU DETERMINATION OF STRESS IN ROCK; MINING ENGINEERING, AUGUST 1962, pgs. 51 - 58																			
1148	39.350	- 82.040	0.8820	O	A	ATHENS COUNTY	OH	IS	BO					060	4		US	87	6
DEPTH IS MEAN OF BREAKOUT RANGE																SCHLUM	M		
PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTEREN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816																			

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

1146    39.460  - 82.440    0.6150   O  B   HOCKING COUNTY     OH  IS  BO                           058  8        US  87 6
   DEPTH IS MEAN OF BREAKOUT RANGE                                                                   SCHLUM M
   PLUMB, R.A. AND COX, J.W., 1987, STRESS DIRECTIONS IN EASTEREN NORTH AMERICA DETERMINED TO 4.5 KM FROM BOREHOLE
   ELONGATION MEASUREMENTS; J. GEOPHYS. RESEARCH, VOL 92, P#4805-4816

1096    39.500  - 82.500    0.8000   O  A   HOCKING COUNTY     OH  IS  HF                           063      SS  US  74 5
   AVERAGE OF 12 WELLS AFTER OVERBY AND ROUGH (1971) AND HAIMSON (1974a)                                  L
   ZOBACK AND ZOBACK STRESS DATABASE SEQ #OH-1.

1101    40.367  - 82.517    0.3000   O  B   KNOX COUNTY        OH  IS  HF                           062      ?   US  83 5
   ONE BILATERAL SUBVERTICAL FRACTURE OF ORIENTATION N62E 150 M HIGH Z+Z.OH-3                        LDGO   M
   EVANS,K.F., 1981. SOME EXAMPLES AND IMPLICATIONS OF OBSERVED ELASTIC DEFORMATIONS..., PROC. HYDRAULIC FRACTURING
     STRESS MEASUREMENTS WORKSHOP, NAT. ACAD. PRESS, P. 246-259

842     46.480  - 82.520    1.0660   O  C   ELLIOT LAKE        ON  IS  OC    62.96   35.88   19.76   061      T   CN  84 3
   STANLEIGH MINE, TEST ST2-1                                                                        CANMET S     11
   ARJANG, B. 1984.  STRESS DETERMINATIONS AT STANLEIGH MINE, ELLIOT LAKE, ONT.
     CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 84-119(TR)

843     46.480  - 82.520    1.0660   P  E   ELLIOT LAKE        ON  IS  OC    34.18   29.61   24.86   004     SS   CN  84 3
   TEST ST1-4: FULL STRAIN RECOVERY PROB. NOT MEASURED                                               CANMET S     33
   ARJANG, B. 1984.  STRESS DETERMINATIONS AT STANLEIGH MINE, ELLIOT LAKE, ONT.
     CANMET ELLIOT LAKE LAB. DIVISION REPORT MRP/MRL 84-119(TR)

124     43.500  - 82.600    0.3980   O  B   HURON COUNTY       MI  IS  HF                           054      -   US  78 1
   D. BAKER: PERS. COMM. TO HAIMSON, 1978: DEPTH RANGE 385-410                                      U WISC M
   HAIMSON, B.C. AND DOE, T.W., 1983. STATE OF STRESS, PERMEABILITY, AND FRACTURES IN THE PRECAMBRIAN GRANITE OF
     NORTHERN ILLINOIS; J. GEOPHYSICAL RESEARCH, VOL. 88, NO. B9, SEPTEMBER 10, 1983, PP.7355-7371

456     46.300  - 82.600    0.3050   S  D   ELLIOT LAKE        ON  IS  OC    36.5    20.0    11.0    045      -   CN  80 1
   DENISON MINE                                                                                      CANMET S     00
   HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK
     MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

458     46.300  - 82.600    0.4470   A  C   ELLIOT LAKE        ON  IS  OC    31.2    19.8    12.8    077  22  -   CN  80 1
   AVERAGE OF 3: SEQ #'S 0455 TO 0457                                                                CANMET S     00
   HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK
     MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

457     46.300  - 82.600    0.7010   S  D   ELLIOT LAKE        ON  IS  OC    36.5    22.1    17.2    090      -   CN  80 1
   DENISON MINE                                                                                      CANMET S     00
   HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK
     MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

455     46.300  - 82.600    0.3350   S  D   ELLIOT LAKE        ON  IS  OC    20.7    17.2    10.3    090      -   CN  80 1
   NORDIC MINE                                                                                       CANMET S     00
   HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK
     MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

525     46.180  - 82.850    0.0010   O  C   BLIND RIVER        ON  GL  TF  PG                       160      T   CN  81 1
   3 MM THROW ON 3 FAULTS DIPPING 60 S        SITE # 104                                                EPB    M
   ADAMS, J., 1981, UNPUBLISHED FIELD NOTES
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP				
526	46.470	- 83.380	0.0010	O	C	N. OF THESSALON	ON	GL	TF	PG				145	T EPB	CN M	81	1

0.5 MM THROW ON 2 FAULTS: DIP UNKNOWN
ADAMS, J., 1981, UNPUBLISHED FIELD NOTES

414	80.000	- 84.000	1.0000	O	C	FOSHEIM PENINSULA	NT	IS	BO					056	- SCHLUM	CN M	83	1

COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

1113	40.540	- 84.400	7.0000	O	B	SAINT MARY'S	OH	FM	S	M4				250	SS UMICH	US M	85	5 250

860712 Mb = 4.5; AZP FROM ORAL PRESENTATION.
CHRISTENSEN, D.H., POLLACK, H.N., 1986. RECENT SEISMICITY IN THE ANNA, OHIO SEISMIC ZONE: THE JULY 12 ST. MARY'S EARTHQUAKE; EASTERN SEISMOLOGICAL SOCIETY OF AMERICA 58TH ANNUAL MEETING, PROGRAM & ABSTRACTS, P. 21.

123	43.500	- 84.500	1.5240	O	B	MIDLAND COUNTY	MI	IS	HF		50.5	29.5	32.0	079	- U WISC	US M	78	1

D. BAKER: PERSONAL COMM. TO HAIMSON, 1978
HAIMSON, B.C. AND DOE, T.W., 1983. STATE OF STRESS, PERMEABILITY, AND FRACTURES IN THE PRECAMBRIAN GRANITE OF NORTHERN ILLINOIS; J. GEOPHYSICAL RESEARCH, VOL. 88, NO. B9, SEPTEMBER 10, 1983, PP.7355-7371

459	48.200	- 84.800	0.3660	S	D	WAWA	ON	IS	OC		21.4	20.1	16.1	118	- CANMET	CN S	80	1 12

G. W. MCLEOD MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

463	48.200	- 84.800	0.5700	S	D	WAWA	ON	IS	OC		31.6	27.9	21.5	162	- CANMET	CN S	80	1 11

G. W. MCLEOD MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

462	48.200	- 84.800	0.5700	S	D	WAWA	ON	IS	OC		47.2	34.1	26.7	042	- CANMET	CN S	80	1 17

G. W. MCLEOD MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

460	48.200	- 84.800	0.3660	S	D	WAWA	ON	IS	OC		42.5	34.3	15.1	133	- CANMET	CN S	80	1 33

G.W. MCLEOD MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

464	48.200	- 84.800	0.5700	S	D	WAWA	ON	IS	OC		38.3	29.5	21.4	176	- CANMET	CN S	80	1 22

G. W. MCLEOD MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

465	48.200	- 84.800	0.5700	S	D	WAWA	ON	IS	OC		19.9	16.6	14.6	044	- CANMET	CN S	80	1 04

G. W. MCLEOD MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

461	48.200	- 84.800	0.4790	S	D	WAWA	ON	IS	OC		30.0	27.7	18.7	071	- CANMET	CN S	80	1 11

G. W. MCLEOD MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
466	48.200	- 84.800	0.4990	A	C	WAWA	ON	IS	OC		33.0	27.2	19.2	003	33	- CANMET	CN S	80	1 16

AVERAGE OF 7: SEQ #'S 0459 TO 0465
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

5	64.400	- 86.500	21.0000	O	B	SOUTHAMPTON ISLAND	NT	FM	S	M5				045		T EPB	CN M	71 045	5

711002 MB 5.0
HASHIZUME, M., 1974. SURFACE WAVE STUDY OF EARTHQUAKES NEAR NORTHWESTERN HUDSON BAY, CANADA; J. GEOPHYSICAL RESEARCH, VOL. 79, NO. 35, DEC. 10, 1974, PP. 5458-5468

394	58.500	- 86.790	1.2570	O	B	HUDSON'S BAY	OF	IS	BO					040	10	- A.G.C.	CN M	85	1

WELL = POLAR BEAR C-11
PODROUZEK, A.J. AND BELL, J.S., 1985. STRESS ORIENTATIONS FROM WELLBORE BREAKOUTS ON THE SCOTIAN SHELF, EASTERN CANADA; in CURRENT RESEARCH, PART B, GEOLOGICAL SURVEY OF CANADA, PAPER 85-1B, P. 59-62.

518	50.000	- 87.000	0.0010	O	C	LONGLAC	ON	GL	TF	PG				069		T LDGO	CN M	70	1

19 MM THROW DIPPING VERTICALLY
OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC. CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

519	50.000	- 87.000	0.0010	O	C	LONGLAC	ON	GL	TF	PG				139		T LDGO	CN M	70	1

13 MM THROW DIPPING VERTICALLY
OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC. CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

413	79.500	- 87.000	1.0000	O	C	AXEL HEIBERG ISLAND	NT	IS	BO					149		- SCHLUM	CN M	83	1

COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

597	46.500	- 87.630	0.9760	O	C	ISHPENNING	MI	IS	OC					098		SS USBM	US S	72	1

Z+Z SEQ MC-1, MATHER MINE
ZOBACK, M.L. AND ZOBACK, M., 1980, STATE OF STRESS IN THE CONTERMINOUS UNITED STATES; J. GEOPHYS. RESEARCH, VOL. 85, NO. B11, PGS. 6113 - 6156

600	44.070	- 87.850	0.3000	O	B	VALDERS	WI	IS	HF					060		T	US M	78	1

HAIMSON, B.C., 1978, ADDITIONAL STRESS MEASUREMENTS IN THE MICHIGAN BASIN (ABSTRACT) EOS TRANS. A.G.U. V. 59, P. 1209

515	49.500	- 88.000	0.0010	O	C	BEARDMORE	ON	GL	TF	PG				003		T LDGO	CN M	70	1

12 MM THROW ON 2 FAULTS
OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC. CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

126	47.300	- 88.200	0.1240	S	D	KEWEENAW COUNTY	MI	IS	HF		15.51	03.10		083		T/SS MTU	US M	80	1

KIM, K. AND SMITH, C.C., 1980. HYDRAULIC FRACTURING STRESS MEASUREMENTS NEAR THE KEWEENAW FAULT IN UPPER MICHIGAN; 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 24-30

127	47.300	- 88.200	0.1250	S	D	KEWEENAW COUNTY	MI	IS	HF		14.48	03.10		097		T/SS MTU	US M	80	1

KIM, K. AND SMITH, C.C., 1980. HYDRAULIC FRACTURING STRESS MEASUREMENTS NEAR THE KEWEENAW FAULT IN UPPER MICHIGAN; 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 24-30

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
128	47.300	- 88.200	0.1190	S	D	KEWEENAW COUNTY	MI	IS	HF		16.27	03.45		053		T/SS MTU	US M	80	1

KIM, K. AND SMITH, C.C., 1980. HYDRAULIC FRACTURING STRESS MEASUREMENTS NEAR THE KEWEENAW FAULT IN UPPER MICHIGAN; 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 24-30

129	47.300	- 88.200	0.1220	S	D	KEWEENAW COUNTY	MI	IS	HF		14.55	03.45		069		T/SS MTU	US M	80	1

PIKIOLIK E-54; 22 BREAKOUTS TOTALING 155.13m
KIM, K. AND SMITH, C.C., 1980. HYDRAULIC FRACTURING STRESS MEASUREMENTS NEAR THE KEWEENAW FAULT IN UPPER MICHIGAN; 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 24-30

130	47.300	- 88.200	0.1230	A	B	KEWEENAW COUNTY	MI	IS	HF		15.20	03.28		076		T/SS MTU	US M	80	1

KIM, K. AND SMITH, C.C., 1980. HYDRAULIC FRACTURING STRESS MEASUREMENTS NEAR THE KEWEENAW FAULT IN UPPER MICHIGAN; 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, 1980, PP. 24-30

805	44.280	- 88.380	0.0010	O	C	APPLETON	WI	GL	BU	CT				030		T -	US M		2

0.3m HIGH BUCKLE, DAMAGED PULP MILL
CRAMER, FRANK, 1890. RECENT ROCK FLEXURE; ART.29: ON A RECENT ROCK FLEXURE; AMERICAN JOURNAL OF SCIENCE; 139(39), no.229-234; p.220-225, JAN-JUNE.

599	43.180	- 89.000	0.1000	O	B	WATERLOO	WI	IS	HF					057	15	T	US M	78	1

HAIMSON, B.C., 1978, NEAR SURFACE AND HYDROFRACTURING STRESS MEASUREMENTS IN THE WATERLOO QUARTZITE (ABS), EOS TRANS A.G.U., V.59, PG. 327-328

601	43.780	- 89.330	0.1900	O	B	MONTELLO	WI	IS	HF					065		SS	US M	76	1

Z+Z SEQ WS-2 (HAIMSON 1976)
HAIMSON, B.C., 1978, ADDITIONAL STRESS MEASUREMENTS IN THE MICHIGAN BASIN (ABSTRACT). EOS TRANS. A.G.U., VOL.59, p. 1209

1154	42.260	- 89.510	1.0210	O	B	WINSLOW	IL	IS	HF					048	14		US M	83	6

MEAN OF 027, 062, 090, 015, 065
HAIMSON, B.C. AND DOE, T.W., 1983, STATE OF STRESS, PERMEABILITY, AND FRACTURES IN THE PRECAMBRIAN GRANITE OF NORTHERN ILLINOIS; J. GEOPHYS. RESEARCH, VOL 88, P#7355-7371

411	78.000	- 90.000	1.0000	O	C	AXEL HEIBERG ISLAND	NT	IS	BO					042		- SCHLUM	CN M	83	1

COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

520	49.000	- 90.000	0.0010	O	C	SHEBANDOWEN	ON	GL	TF	PG				012		T LDGO	CN M	70	1

6 MM THROW
OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC. CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

521	49.000	- 90.000	0.0010	O	C	SHEBANDOWEN	ON	GL	TF	PG				008		T LDGO	CN M	70	1

13 MM THROW
OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC. CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590

517	49.000	- 92.000	0.0010	O	C	BANNING	ON	GL	TF	PG				170		T -	CN M	11	1

550 MM THROW ON 24 FAULTS DIPPING 65 N
LAWSON, A.C., 1911. ON SOME POST-GLACIAL FAULTS NEAR BANNING, ONTARIO; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 1, PP. 159-166

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP				
516	49.000	- 92.000	0.0010	O	C	FLANDERS	ON	GL	TF	PG				176	LDGO	M		T
6 MM THROW																		
OLIVER, J., JOHNSON, T., AND DORMAN, J., 1970, POSTGLACIAL FAULTING AND SEISMICITY IN NEW YORK AND QUEBEC. CANADIAN JOURNAL OF EARTH SCIENCES, VOL.7, pp.579-590																		
477	51.000	- 93.800	1.1480	O	D	RED LAKE	ON	IS	OC		52.2	44.1	28.0	049	- QUEENS	CN S	80	1 26
MADSEN MINE																		
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16																		
629	50.300	- 95.900	0.2170	S	D	PINAWA-URL	MN	IS	OC		21.8	16.7		041	T AECL	CN S	85	2
URL SHAFT, TEST NO. 720CN 595																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																		
637	50.300	- 95.900	0.2000	A	B	PINAWA	MN	IS	HF					047 35	T AECL	CN M	85	2
URL-1; AVERAGE OF 5 VALUES, FRACTURE DIP >= 50																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																		
653	50.300	- 95.900	0.0010	O		PINAWA	MN	IS	OC					023 19	T AECL	CN S	85	2
AVERAGE OF 11 VALUES																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																		
621	50.300	- 95.900	0.1840	A	C	PINAWA-URL	MN	IS	OC		15.0	4.2		015 8	T AECL	CN S	85	2
URL SHAFTS, AVERAGE OF 4 MEASUREMENTS																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																		
650	50.300	- 95.900	0.3100	S	D	PINAWA	MN	IS	HF					158	T AECL	CN M	85	3
URL 6																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																		
622	50.300	- 95.900	0.1840	S	D	PINAWA-URL	MN	IS	OC		15.4	3.0		001	T AECL	CN S	85	2
URL SHAFTS, TEST NO. 1050CF 5.27																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																		
623	50.300	- 95.900	0.1840	S	D	PINAWA-URL	MN	IS	OC		15.0	4.1		017	T AECL	CN S	85	2
URL SHAFTS, TEST NO. 1050CF 5.71																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																		
638	50.300	- 95.900	0.0660	S	D	PINAWA	MN	IS	HF					064	T AECL	CN M	85	2
URL 1																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																		
639	50.300	- 95.900	0.1800	S	D	PINAWA	MN	IS	HF					006	T AECL	CN M	85	2
URL 1																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																		

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
892	50.300	- 95.900	0.0452	S	D	PINAWA	MN	IS	OC		7.50	6.46		025		T ONTHYD	CN S	82	3
URL TEST SITE KOOPMANS, R., 1982, NEAR SURFACE IN-SITU STRESS MEASUREMENTS - LAC DU BONNET BATHOLITH - MANITOBA ONTARIO HYDRO, REPORT NO.82-73-H																			
643	50.300	- 95.900	0.1600	A	B	PINAWA	MN	IS	HF					080	29	T AECL	CN M	85	2
URL-6; AVERAGE OF 8 VALUES BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																			
651	50.300	- 95.900	0.3100	S	D	PINAWA	MN	IS	HF					085		T AECL	CN M	85	3
URL 6 BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																			
649	50.300	- 95.900	0.2500	S	D	PINAWA	MN	IS	HF					095		T AECL	CN M	85	3
URL 6 BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																			
647	50.300	- 95.900	0.2030	S	D	PINAWA	MN	IS	HF					085		T AECL	CN M	85	3
URL 6 BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																			
635	50.300	- 95.900	0.2170	S	D	PINAWA-URL	MN	IS	OC		23.0	15.9		030		T AECL	CN S	85	2
URL SHAFTS, TEST NO. 720CN 667 BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																			
627	50.300	- 95.900	0.2170	S	D	PINAWA-URL	MN	IS	OC		25.2	18.3		029		T AECL	CN S	85	2
URL SHAFTS, TEST NO. 720CN 508 BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																			
641	50.300	- 95.900	0.3360	S	D	PINAWA	MN	IS	HF					018		T AECL	CN M	85	2
URL 1 BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																			
628	50.300	- 95.900	0.2170	S	D	PINAWA-URL	MN	IS	OC		23.3	14.7		024		T AECL	CN S	85	2
URL SHAFTS, TEST NO. 720CM 548 BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																			
636	50.300	- 95.900	0.2170	S	D	PINAWA-URL	MN	IS	OC		23.2	17.9		022		T AECL	CN S	85	2
URL SHAFTS, TEST NO. 720CN 711 BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																			
644	50.300	- 95.900	0.0130	S	D	PINAWA	MN	IS	HF					060		T AECL	CN M	85	3
URL 6 BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP				
652	50.300	- 95.900	0.0010	O	C	PINAWA	MN	GL	PU	CT				097	T AECL	CN M	85	2
ONE OF SEVERAL POP-UPS IN GRANITE																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																		
889	50.300	- 95.900	0.0238	S	D	PINAWA	MN	IS	OC		6.07	3.47		023	T ONTHYD	CN S	82	3
URL TEST SITE																		
KOOPMANS, R., 1982, NEAR SURFACE IN-SITU STRESS MEASUREMENTS - LAC DU BONNET BATHOLITH - MANITOBA ONTARIO HYDRO, REPORT NO.82-73-H																		
888	50.300	- 95.900	0.0092	S	D	PINAWA	MN	IS	OC		14.40	9.38		024	T ONTHYD	CN S	82	3
URL TEST SITE																		
KOOPMANS, R., 1982, NEAR SURFACE IN-SITU STRESS MEASUREMENTS - LAC DU BONNET BATHOLITH - MANITOBA ONTARIO HYDRO, REPORT NO.82-73-H																		
632	50.300	- 95.900	0.2170	S	D	PINAWA-URL	MN	IS	OC		20.7	17.9		037	T AECL	CN S	85	2
URL SHAFTS, TEST NO. 720CN 541																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																		
646	50.300	- 95.900	0.1680	S	D	PINAWA	MN	IS	HF					073	T AECL	CN M	85	3
URL 6																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																		
642	50.300	- 95.900	0.3450	S	D	PINAWA	MN	IS	HF					056	T AECL	CN M	85	2
URL 1																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																		
640	50.300	- 95.900	0.2600	S	D	PINAWA	MN	IS	HF					094	T AECL	CN M	85	2
URL 1																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																		
648	50.300	- 95.900	0.2220	S	D	PINAWA	MN	IS	HF					044	T AECL	CN M	85	3
URL 6																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985																		
630	50.300	- 95.900	0.2170	S	D	PINAWA-URL	MN	IS	OC		23.2	11.2		046	T AECL	CN S	85	2
URL SHAFTS, TEST NO. 720CN 635																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																		
625	50.300	- 95.900	0.1840	S	D	PINAWA-URL	MN	IS	OC		14.4	4.3		021	T AECL	CN S	85	2
URL SHAFTS, TEST NO. 1050CF 6.63																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																		
633	50.300	- 95.900	0.2170	S	D	PINAWA-URL	MN	IS	OC		29.4	25.9		138	T AECL	CN S	85	2
URL SHAFTS, TEST NO. 730CN 580																		
BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985																		

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

626     50.300  - 95.900     0.2170  A  C  PINAWA-URL            MN  IS  OC      24.1    18              031  20  T    CN  85 2
  URL SHAFT, AVERAGE OF 10 VALUES                                                                                AECL  S
  BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH
    LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985

634     50.300  - 95.900     0.2170  S  D  PINAWA-URL            MN  IS  OC      24.8    20.7            036      T    CN  85 2
  URL SHAFTS, TEST NO. 720CN 621                                                                                 AECL  S
  BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH
    LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985

645     50.300  - 95.900     0.1090  S  D  PINAWA               MN  IS  HF                              098      T    CN  85 3
  URL 6                                                                                                          AECL  M
  BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH
    LABORATORY SITE, MANITOBA; DRAFT AECL REPORT, JULY, 1985

893     50.300  - 95.900     0.0261  A  C  PINAWA               MN  IS  OC                              034  21  T    CN  82 3
  URL TEST SITE; AVERAGE OF 6 VALUES SEQ 887 - 892                                                               ONTHYD S
  KOOPMANS, R., 1982, NEAR SURFACE IN-SITU STRESS MEASUREMENTS - LAC DU BONNET BATHOLITH - MANITOBA
    ONTARIO HYDRO, REPORT NO.82-73-H

890     50.300  - 95.900     0.0307  S  D  PINAWA               MN  IS  OC      4.44    3.20            029      T    CN  82 3
  URL TEST SITE                                                                                                  ONTHYD S
  KOOPMANS, R., 1982, NEAR SURFACE IN-SITU STRESS MEASUREMENTS - LAC DU BONNET BATHOLITH - MANITOBA
    ONTARIO HYDRO, REPORT NO.82-73-H

631     50.300  - 95.900     0.2170  S  D  PINAWA-URL            MN  IS  OC      26.3    20.3            031      T    CN  85 2
  URL SHAFTS, TEST NO. 720CN 681                                                                                 AECL  S
  BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH
    LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985

891     50.300  - 95.900     0.0395  S  D  PINAWA               MN  IS  OC      7.52    5.26            084      T    CN  82 3
  URL TEST SITE                                                                                                  ONTHYD S
  KOOPMANS, R., 1982, NEAR SURFACE IN-SITU STRESS MEASUREMENTS - LAC DU BONNET BATHOLITH - MANITOBA
    ONTARIO HYDRO, REPORT NO.82-73-H

624     50.300  - 95.900     0.1840  S  D  PINAWA-URL            MN  IS  OC      15.2    5.2             019      T    CN  85 2
  URL SHAFTS, TEST NO. 1050CF 6.19                                                                               AECL  S
  BROWN, A., KINGSTON, D.M., EVERITT, R.A., 1985. IN SITU STRAIN RECOVERY AT SURFACE; AECL UNDERGROUND RESEARCH
    LABORATORY SITE, MANITOBA; DRAFT AECL REPORT , JULY, 1985

887     50.300  - 95.900     0.0085  S  D  PINAWA               MN  IS  OC      13.51   5.33            042      T    CN  82 3
  URL TEST SITE                                                                                                  ONTHYD S
  KOOPMANS, R., 1982, NEAR SURFACE IN-SITU STRESS MEASUREMENTS - LAC DU BONNET BATHOLITH - MANITOBA
    ONTARIO HYDRO, REPORT NO.82-73-H

52      45.700  - 96.000     7.5000  O  B  MORRIS                MN  FM  S   M5                          017      SS   US  75 6
  750709    MB 4.6    USES SURFACE WAVE MODELLING                                                              ST.LOU M 017 14
  HERRMANN, R.B., 1979. SURFACE WAVE FOCAL MECHANISMS FOR EASTERN NORTH AMERICAN EARTHQUAKES WITH TECTONIC IMPLI-      150 70
    CATIONS; J. GEOPHYSICAL RESEARCH, VOL. 84, NO. B7, JULY 10, 1979, PP. 3543-3552                              283 14

410     77.500  - 98.000     1.0000  O  C  BROWNE ISLAND          NT  IS  BO                              046      -    CN  83 1
                                                                                                                 SCHLUM M
  COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA
  24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
399	72.300	- 98.500	1.0000	O	C	PRINCE OF WALES I.	NT	IS	BO					046		-	CN	83	1
																SCHLUM	M		

COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

475	55.700	- 98.800	0.8380	S	D	THOMPSON	MB	IS	OC		31.7	26.8	15.0	109		-	CN	80	1
																CANMET	S		14

BIRCHTREE MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

472	55.700	- 98.800	0.6100	S	D	THOMPSON	MB	IS	OC		58.5	40.5	18.3	143		-	CN	80	1
																CANMET	S		11

THOMPSON MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

476	55.700	- 98.800	0.7810	A	C	THOMPSON	MB	IS	OC		61.5	51.0	36.7	174	49	-	CN	80	1
																CANMET	S		08

AVERAGE OF 4: SEQ #'S 0472 TO 0475
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

474	55.700	- 98.800	0.4570	S	D	THOMPSON	MB	IS	OC		42.5	23.9	16.9	017		-	CN	80	1
																CANMET	S		06

BIRCHTREE MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

473	55.700	- 98.800	1.2190	S	D	THOMPSON	MB	IS	OC		113.4	112.7	96.6	027		-	CN	80	1
																CANMET	S		03

THOMPSON MINE
HERGET, G., 1980. REGIONAL STRESSES IN THE CANADIAN SHIELD; UNDERGROUND ROCK ENGINEERING -- 13TH CANADIAN ROCK MECHANICS SYMPOSIUM, CIM SPECIAL VOLUME 22, 1980, PP. 9-16

1043	73.858	- 98.947	0.9400	O	A	PRINCE OF WALES IS.	NT	IS	BO					067	6		CN	86	4
																AGC	M		

RUSSEL E-82; 7 BREAKOUTS TOTALING 42.05m
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

401	76.500	-102.000	1.0000	O	C	BATHURST ISLAND	NT	IS	BO					153		-	CN	83	1
																SCHLUM	M		

COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

327	49.490	-102.320	1.1710	O	C	S. SASKATCHEWAN	SK	IS	BO					006	4	-	CN	85	2
																A.G.C.	M		

WELL # 16-22-06-3W2
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

329	49.350	-103.150	2.3390	O	B	S. SASKATCHEWAN	SK	IS	BO					010	32	-	CN	85	2
																A.G.C.	M		

WELL # 16-33-04-9W2
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

402	76.500	-104.000	1.0000	O	C	CAMERON ISLAND	NT	IS	BO					059		-	CN	83	1
																SCHLUM	M		

COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

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SEQ     LAT       LON       DEPTH     N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

412     78.500  -104.000     1.0000  O  C  ELLEF RINGNES ISLAND  NT  IS  BO                                058      -     CN  83 1
                                                                                                          SCHLUM M
  COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA
  24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

417     50.500  -104.500     2.1150  A  B  REGINA            SK  IS  HF                                094      -     CN  78 1
  AVERAGE OF SEQ #'S 415, 416                                                                             EPB    M
  MCLENNAN, J.D., HASEGAWA, H.S., ROEGIERS, J.-C. AND JESSOP, A.M., 1986.  HYDRAULIC FRACTURING EXPERIMENT AT THE
    UNIVERSITY OF REGINA CAMPUS; CANADIAN GEOTECHNICAL JOURNAL, VOL. 23, P. 548-555.

416     50.500  -104.500     2.1680  S  C  REGINA            SK  IS  HF      55.28   40.10   54.20   119      -     CN  78 1
  SANDSTONE                                                                                               EPB    M
  MCLENNAN, J.D., HASEGAWA, H.S., ROEGIERS, J.-C. AND JESSOP, A.M., 1986.  HYDRAULIC FRACTURING EXPERIMENT AT THE
    UNIVERSITY OF REGINA CAMPUS; CANADIAN GEOTECHNICAL JOURNAL, VOL. 23, P. 548-555.

415     50.500  -104.500     2.0650  S  C  REGINA            SK  IS  HF      40.68   35.71   51.63   070      -     CN  78 1
  SANDSTONE                                                                                               EPB    M
  MCLENNAN, J.D., HASEGAWA, H.S., ROEGIERS, J.-C. AND JESSOP, A.M., 1986.  HYDRAULIC FRACTURING EXPERIMENT AT THE
    UNIVERSITY OF REGINA CAMPUS; CANADIAN GEOTECHNICAL JOURNAL, VOL. 23, P. 548-555.

408     77.500  -105.500     1.0000  O  C  LOUGHEED ISLAND   NT  IS  BO                                063      -     CN  83 1
                                                                                                          SCHLUM M
  COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA
  24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

75      76.580  -106.020    29.0000  O  A  SVERDRUP BASIN    OF  FM  S   M5                            265     SS/N  CN  72 6
  721121    MS 5.1                                                                                        EPB    M 265 40
  HASEGAWA, H.S., 1977. FOCAL PARAMETERS OF FOUR SVERDRUP BASIN, ARCTIC CANADA, EARTHQUAKES IN NOVEMBER AND DECEMBER  039 43
    OF 1972; CAN. J. EARTH SCI., VOL. 14, PP. 2481-2494                                                                155 20

77      76.800  -106.160    31.0000  O  A  SVERDRUP BASIN    OF  FM  S   M5                            285     SS/N  CN  72 6
  721228    MS 5.2                                                                                        EPB    M 285 35
  HASEGAWA, H.S., 1977. FOCAL PARAMETERS OF FOUR SVERDRUP BASIN, ARCTIC CANADA, EARTHQUAKES IN NOVEMBER AND DECEMBER  048 42
    OF 1972; CAN. J. EARTH SCI., VOL. 14, PP. 2481-2494                                                                170 30

74      76.550  -106.330    27.0000  O  A  SVERDRUP BASIN    OF  FM  S   M5                            275     SS/N  CN  72 6
  721119    MS 5.1                                                                                        EPB    M 275 35
  HASEGAWA, H.S., 1977. FOCAL PARAMETERS OF FOUR SVERDRUP BASIN, ARCTIC CANADA, EARTHQUAKES IN NOVEMBER AND DECEMBER  049 48
    OF 1972; CAN. J. EARTH SCI., VOL. 14, PP. 2481-2494                                                                165 25

76      76.800  -106.490    11.0000  O  A  SVERDRUP BASIN    OF  FM  S   M5                            065      SS   CN  72 6
  721227    MS 5.7                                                                                        EPB    M 065 05
  HASEGAWA, H.S., 1977. FOCAL PARAMETERS OF FOUR SVERDRUP BASIN, ARCTIC CANADA, EARTHQUAKES IN NOVEMBER AND DECEMBER  200 82
    OF 1972; CAN. J. EARTH SCI., VOL. 14, PP. 2481-2494                                                                335 05

423     76.800  -106.490    20.0000  O  A  SVERDRUP BASIN    OF  FM  S   M5                            232      SS   CN  72 6
  721227    MS 5.7    ALTERNATIVE TO SEQ # 0076                                                           LDGO   M 232 05
  CHEN, W.-P. AND MOLNAR, P., 1983. FOCAL DEPTHS OF INTRACONTINENTAL AND INTRAPLATE EARTHQUAKES AND THEIR  333 76
    IMPLICATIONS FOR THE THERMAL AND MECHANICAL PROPERTIES OF THE LITHOSPHERE; J. GEO. R., VOL. 88, NO. B5, PP. 4183-4214 155 13

407     77.500  -107.800     1.0000  O  C  HAZEN STRAIT       NT  IS  BO                                073      -     CN  83 1
                                                                                                          SCHLUM M
  COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA
  24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
406	77.000	-108.000	1.0000	O	C	HAZEN STRAIT	NT	IS	BO					015		-	CN	83	1
COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17																	SCHLUM M		
326	49.730	-108.420	1.3420	O	C	S. SASKATCHEWAN	SK	IS	BO					013	12	-	CN	85	2
WELL # 16-07-09-18W3																	A.G.C. M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
409	77.500	-109.000	1.0000	O	C	HAZEN STRAIT	NT	IS	BO					056		-	CN	83	1
COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17																	SCHLUM M		
247	53.470	-109.300	0.4480	O	B	W. SASKATCHEWAN	SK	IS	BO					031	4	-	CN	85	2
WELL # 2D1-10-52-23W3																	A.G.C. M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
277	52.690	-109.480	0.5770	O	A	W. SASKATCHEWAN	SK	IS	BO					073	10	-	CN	85	2
WELL # 06-07-43-24W3																	A.G.C. M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
404	77.000	-109.500	1.0000	O	C	MELVILLE ISLAND	NT	IS	BO					060		-	CN	83	1
COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17																	SCHLUM M		
278	52.650	-109.560	0.5210	O	B	W. SASKATCHEWAN	SK	IS	BO					028	4	-	CN	85	2
WELL # 09-29-42-25W3																	A.G.C. M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
330	49.330	-109.580	1.3170	O	B	S. SASKATCHEWAN	SK	IS	BO					049	4	-	CN	85	2
WELL # 06-28-04-27W3																	A.G.C. M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
328	49.360	-109.610	1.3150	O	B	S. SASKATCHEWAN	SK	IS	BO					043	10	-	CN	85	2
WELL # 11-05-05-27W3																	A.G.C. M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
299	51.980	-109.700	0.8340	O	C	S. SASKATCHEWAN	SK	IS	BO					053	1	-	CN	85	2
WELL # 09-06-35-26W3																	A.G.C. M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
285	52.330	-109.720	0.6480	O	C	W. SASKATCHEWAN	SK	IS	BO					047	1	-	CN	85	2
WELL # 12-05-39-26W3																	A.G.C. M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			

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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 289    52.310  -109.730    0.5660  O  B  W. SASKATCHEWAN       SK  IS  BO                                 054   6  -    CN  85 2
   WELL #     11-36-38-27W3                                                                                          A.G.C. M
   BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
     PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

 294    52.090  -109.940    0.7570  O  B  S. SASKATCHEWAN       SK  IS  BO                                 061  13  -    CN  85 2
   WELL #     02-16-36-28W3                                                                                          A.G.C. M
   BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
     PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

 403    76.500  -110.000    1.0000  O  C  MELVILLE ISLAND       NT  IS  BO                                 011       -    CN  83 1
                                                                                                                  SCHLUM M
   COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA
   24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

 308    51.180  -110.130    2.9920  O  A  S.E. ALBERTA         AB  IS  BO                                 053   2  -    CN  85 2
   WELL #     03-02-26-2W4                                                                                           A.G.C. M
   BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
     PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

 620    54.500  -110.200    0.4500  O  B  COLD LAKE            AB  IS  HF          9       11.25   038           CN  78 5
   STEAM INJECTION BY IMPERIAL OIL; INDUCED FRACTURES INFERRED BETWEEN 030 AND 045                                IMPOIL M
   BELL, J.S. AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
     PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, PP. 364-378.

1080    44.680  -110.620    0.0000  O  A  YELLOWSTONE          WY  FM  C                                  -220       N    US     6
   AVERAGE OF SEVERAL SINGLE EVENTS AND COMPOSITE SOLUTIONS. AFTER PITT ET AL, 1979                                  L 310
   ZOBACK AND ZOBACK STRESS DATA FILE SEQ #WY-3.
                                                                                                                      220

1079    44.470  -110.650    2.0000  O  A  YELLOWSTONE          WY  GL  VA  CT                              -070       N    US     6
   ALLIGNMENT OF VOLCANOES, YOUNG FAULTS, ONE COMPOSITE MECHANISM. AZP 160, AZT ABOVE                                L 160
   ZOBACK AND ZOBACK STRESS DATA FILE SEQ #WY-2.
                                                                                                                      070

 228    54.700  -110.730    0.4780  O  C  E. CENTRAL ALBERTA   AB  IS  BO                                 041   3  -    CN  81 1
   WELL #     12-08-66-5W4                                                                                           B.P.   M
   GOUGH, D.I. AND BELL, J.S., 1981. STRESS ORIENTATIONS FROM OIL-WELL FRACTURES IN ALBERTA AND TEXAS; CANADIAN
     JOURNAL OF EARTH SCIENCES, VOL. 18, NO. 3, 1981, PP.638-645

1084    46.400  -111.300    0.0000  O  B  HELENA               MT  FM  S   6                              071      SS    US  25 5
   1925  MN 6.7, P:71/7, T:339/8, PREDOMINATELY STRIKE-SLIP, POORLY CONSTRAINED, Z+Z.MT-4.                            L 071 07
   SMITH, R.B. AND SBAR, M.L., 1974.  CONTEMPORARY TECTONICS AND SEISMICITY OF THE WESTERN UNITED STATES WITH EMPHASIS
     ON THE INTERMOUNTAIN SEISMIC BELT, GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL.85, P.1205-1218.                  339 08

 259    53.340  -111.530    0.5440  O  B  E. CENTRAL ALBERTA   AB  IS  BO                                 056   2  -    CN  78 1
   WELL #     11-22-50-11W4                                                                                          U OF A M
   BABCOCK, E.A. 1978.  MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS.  BULLETIN OF THE AMERICAN ASSOCIATION
     OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.

1083    44.800  -111.600    0.0000  O  C  MADISON VALLEY       MT  FM  S   6                              268     SS/N   US  64 5
   641021  MN 5.8, P:268/7, T:2/30, PREDOMINANTLY STRIKE-SLIP EVENT.  Z+Z.MT-3                                U UTAH L 268 07
   SMITH, R.B., AND SBAR, M.L., 1974.  CONTEMPORARY TECTONICS AND SEISMICITY OF THE WESTERN UNITED STATES WITH EMPHASIS
     ON THE INTERMOUNTAIN SEISMIC BELT, GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL.85, P. 1205-1218.                  002 30
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
279	52.520	-111.630	0.5240	O	B	E. CENTRAL ALBERTA	AB	IS	BO					052	12	-	CN	85	2
WELL # 16-10-41-12W4																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
281	52.430	-111.780	0.8870	O	B	E. CENTRAL ALBERTA	AB	IS	BO					039	12	-	CN	85	2
WELL # 15-10-40-13W4																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
246	53.460	-111.790	1.6430	O	A	E. CENTRAL ALBERTA	AB	IS	BO					042	11	-	CN	85	2
WELL # 06-01-52-13W4																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
318	50.280	-112.000	0.3760	O	B	S. ALBERTA	AB	IS	BO					073	18	-	CN	85	2
WELL # 10-21-15-15W4																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
312	50.810	-112.590	1.2590	O	C	S. ALBERTA	AB	IS	BO					053	17	-	CN	78	1
WELL # 10-29-21-19W4																	U OF A	M	
BABCOCK, E.A. 1978. MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS. BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.																			
323	50.030	-112.850	1.3240	O	B	S. ALBERTA	AB	IS	BO					061	9	-	CN	78	1
WELL # 10-30-12-21W4																	U OF A	M	
BABCOCK, E.A. 1978. MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS. BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.																			
322	50.030	-112.860	1.1790	O	B	S. ALBERTA	AB	IS	BO					046	2	-	CN	78	1
WELL # 14-30-12-21W4																	U OF A	M	
BABCOCK, E.A. 1978. MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS. BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.																			
284	52.380	-112.880	1.3710	O	B	CENTRAL ALBERTA	AB	IS	BO					051	5	-	CN	85	2
WELL # 16-24-39-21W4																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
609	49.709	-112.935	0.1660	O	C	KIPP MINE	AB	IS	OC		5.0	3.3	4.2	070	20	SS	CN	82	5
																	U OF A	M	
KAISER, P.K., MACKAY, C., MORGENSTERN, N.R., 1982. PERFORMANCE OF A SHAFT IN WEAK ROCK (BEARPAW SHALE) ISRM - SYMPOSIUM ON "CAVERNS AND PRESSURE SHAFTS". AACHEN, 1982																			
608	49.709	-112.935	0.1520	O	C	KIPP MINE	AB	IS	OC		4.25	3.0	3.6	090		SS	CN	83	1
																	U OF A	M	
KAISER, P.K., MACKAY, C., MORGENSTERN, N.R., 1982. PERFORMANCE OF A SHAFT IN WEAK ROCK (BEARPAW SHALE) ISRM - SYMPOSIUM ON "CAVERNS AND PRESSURE SHAFTS". AACHEN, 1982																			
270	53.000	-112.970	1.1500	O	B	CENTRAL ALBERTA	AB	IS	BO					049	7	-	CN	85	2
WELL # 11-27-46-21W4																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

275     52.780  -113.110     1.3700  O  C  CENTRAL ALBERTA      AB  IS  BO                                044   8  -    CN  85 2
  WELL #     14-10-44-22W4                                                                                          A.R.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

273     52.900  -113.340     1.1740  O  B  CENTRAL ALBERTA      AB  IS  BO                                059   4  -    CN  85 2
  WELL #     10-24-45-24W4                                                                                          A.G.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

321     50.020  -113.400     1.8890  O  B  S. ALBERTA          AB  IS  BO                                039   7  -    CN  78 1
  WELL #     11-19-12-25W4                                                                                          U OF A M
  BABCOCK, E.A. 1978.  MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS.  BULLETIN OF THE AMERICAN ASSOCIATION
    OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.

320     50.030  -113.420     2.0870  O  B  S. ALBERTA          AB  IS  BO                                053   7  -    CN  78 1
  WELL #     10-25-12-26W4                                                                                          U OF A M
  BABCOCK, E.A. 1978.  MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS.  BULLETIN OF THE AMERICAN ASSOCIATION
    OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.

319     50.090  -113.490     1.9840  O  B  S. ALBERTA          AB  IS  BO                                048   6  -    CN  78 1
  WELL #     10-16-13-26W4                                                                                          U OF A M
  BABCOCK, E.A. 1978.  MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS.  BULLETIN OF THE AMERICAN ASSOCIATION
    OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.

405     77.000  -114.000     1.0000  O  C  EMERALD ISLE         NT  IS  BO                                060      -    CN  83 1
                                                                                                                  SCHLUM M
  COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA
  24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17

298     52.020  -114.110     2.6060  O  B  S. ALBERTA          AB  IS  BO                                043   5  -    CN  78 1
  WELL #     11-20-35-1W5                                                                                           U OF A M
  BABCOCK, E.A. 1978.  MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS.  BULLETIN OF THE AMERICAN ASSOCIATION
    OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.

315     50.600  -114.150     2.7390  O  A  S.W. ALBERTA         AB  IS  BO                                351   6  -    CN  78 5
  WELL #     11-12-19-2W5                                                                                           U OF A M
  BABCOCK, E.A. 1978.  MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS.  BULLETIN OF THE AMERICAN ASSOCIATION
    OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.

283     52.400  -114.180     1.9570  O  B  CENTRAL ALBERTA      AB  IS  BO                                042  11  -    CN  85 2
  WELL #     10-35-39-2W5                                                                                           A.R.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

288     52.250  -114.200     2.0450  O  B  CENTRAL ALBERTA      AB  IS  BO                                047  14  -    CN  85 2
  WELL #     07-10-38-2W5                                                                                           A.G.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

576     47.800  -114.300     2.0000  O  B  FLATHEAD LAKE        MT  FM  C   M1                           -100      N    US  69 5
  MICROEARTHQUAKE SURVEY                                                                                            LDGO   S 250 88
  SBAR, M.L, BARAZANGI, M., DORMAN, J., SCHOLZ, C.H., AND SMITH, R.B., 1972. TECTONICS OF THE INTERMOUNTAIN SEISMIC      356 11
    BELT, WESTERN UNITED STATES; GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 83, JANUARY, 1972, PP. 13-28            100 16
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP

573 47.800 -114.300 5.0000 O B FLATHEAD LAKE MT FM C M- 005 SS US 70 5
OCTOBER,1970 <<DEPTH ASSUMED>> MAGNITUDE UNKNOWN U UTAH M 005 00
SMITH, R.B. AND SBAR, M.L., 1974. CONTEMPORARY TECTONICS AND SEISMICITY OF THE WESTERN UNITED STATES WITH EMPHASIS ON THE INTERMOUNTAIN SEISMIC BELT; GEOLOGICAL SOC. OF AMERICA BULLETIN, VOL. 85, AUGUST, 1974, PP.1205-1218 095 00

287 52.290 -114.320 2.5700 O A CENTRAL ALBERTA AB IS BO 052 9 - CN 78 1
WELL # 10-23-38-3W5 U OF A M
BABCOCK, E.A. 1978. MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS. BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.

316 50.350 -114.350 1.5220 O B S.W. ALBERTA AB IS BO 050 24 - CN 85 2
WELL # 10-16-16-3W5 A.R.C. M
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

317 50.230 -114.350 2.0730 O B S.W. ALBERTA AB IS BO 052 13 - CN 85 2
WELL # 10-04-15-3W5 A.R.C. M
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

237 53.950 -114.420 1.5170 O B CENTRAL ALBERTA AB IS BO 045 5 - CN 85 2
WELL # 04-29-57-3W5 A.G.C. M
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

325 49.720 -114.440 2.4180 O B S. ALBERTA AB IS BO 037 25 - CN 85 2
WELL # 06-11-09-4W5 A.R.C. M
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

324 49.750 -114.450 2.7570 O B S. ALBERTA AB IS BO 031 8 - CN 85 2
WELL # 04-23-09-4W5 A.G.C. M
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

314 50.720 -114.480 1.5240 O B S.W. ALBERTA AB IS BO 064 15 - CN 85 2
WELL # 05-27-20-4W5 A.R.C. M
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

313 50.770 -114.550 1.6900 O B S.W. ALBERTA AB IS BO 058 15 - CN 85 2
WELL # 06-07-21-4W5 A.R.C. M
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

266 53.190 -114.550 1.6220 O B CENTRAL ALBERTA AB IS BO 034 5 - CN 85 2
WELL # 10-32-48-4W5 A.G.C. M
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

305 51.540 -114.600 3.7400 O A S.W. ALBERTA AB IS BO 057 7 - CN 85 2
WELL # 12-02-30-5W5 A.R.C. M
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
311	50.870	-114.620	1.8000	O	B	S.W. ALBERTA	AB	IS	BO					045	15	-	CN	85	2
WELL # 05-15-22-5W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
306	51.500	-114.640	3.9090	O	B	S.W. ALBERTA	AB	IS	BO					055	12	-	CN	85	2
WELL # 10-21-29-5W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
307	51.440	-114.650	2.2020	O	A	S. ALBERTA	AB	IS	BO					052	3	-	CN	85	2
WELL # 06-33-28-5W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
310	51.050	-114.750	2.1680	O	B	S. ALBERTA	AB	IS	BO					037	14	-	CN	85	2
WELL # 15-15-24-6W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
309	51.180	-114.790	1.6910	O	B	S. ALBERTA	AB	IS	BO					065	30	-	CN	85	2
WELL # 12-33-25-6W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
297	51.990	-114.860	2.7390	O	A	S. ALBERTA	AB	IS	BO					059	8	-	CN	85	2
WELL # 01-12-35-7W5																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
293	52.100	-114.870	3.3670	O	B	S. ALBERTA	AB	IS	BO					063	5	-	CN	85	2
WELL # 11-13-36-7W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
304	51.830	-114.940	1.4960	O	B	S.W. ALBERTA	AB	IS	BO					064	17	-	CN	85	2
WELL # 06-16-33-7W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
303	51.830	-114.950	1.4720	O	B	S.W. ALBERTA	AB	IS	BO					036	13	-	CN	83	1
WELL # 07-17-33-7W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
619	53.000	-115.000	1.6750	O	B	PEMBINA OILFIELD	AB	IS	PT					045			CN	83	5
"F" LEASE, HIGH PERMEABILITY ALONG FRACTURES																	U OF A	L	
BELL, J.S. AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, PP. 364-378.																			
618	53.000	-115.000	1.6150	O	B	PEMBINA OILFIELD	AB	IS	PT					045			CN	83	5
"J" LEASE, HIGH PERMEABILITY ALONG FRACTURES																	U OF A	L	
BELL, J.S. AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, PP. 364-378.																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
296	51.970	-115.050	1.5420	O	B	S. ALBERTA	AB	IS	BO					052	13	-	CN	85	2
WELL # 07-03-35-8W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
302	51.840	-115.050	2.1070	O	B	S.W. ALBERTA	AB	IS	BO					061	27	-	CN	85	2
WELL # 07-22-33-8W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
205	56.660	-115.080	1.2720	O	B	CENTRAL ALBERTA	AB	IS	BO					044	20	-	CN	85	2
WELL # 06-29-88-7W5																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
301	51.960	-115.100	2.0670	O	A	S.W. ALBERTA	AB	IS	BO					049	7	-	CN	83	1
WELL # 03-32-34-8W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
292	52.080	-115.110	2.5770	O	A	S. ALBERTA	AB	IS	BO					033	3	-	CN	85	2
WELL # 06-08-36-8W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
245	53.480	-115.130	1.3310	O	A	CENTRAL ALBERTA	AB	IS	BO					047	8	-	CN	83	1
WELL # 13-09-52-8W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
816	50.870	-115.170	0.0100	O	C	KANANASKIS	AB	GL	OB	CT				035	15	T	CN	83	5
AVERAGE OF 4 OFFSETS EACH ABOUT 20 MM.																AGC	M		
BELL, J.S., 1985. OFFSET BOREHOLES IN THE ROCKY MOUNTAINS OF ALBERTA, CANADA; GEOLOGY, vol. 13, OCT/85, pp. 734-737.																			
817	51.020	-115.180	0.0100	O	C	EXSHAW	AB	GL	OB	CT				050	19	T	CN	83	5
AVERAGE OF 13 OFFSETS OF ABOUT 30 MM.																AGC	M		
BELL, J.S., 1985. OFFSET BOREHOLES IN THE ROCKY MOUNTAINS OF ALBERTA, CANADA; GEOLOGY, vol. 13, OCT/85, pp. 734-737.																			
241	53.600	-115.180	2.1800	O	B	CENTRAL ALBERTA	AB	IS	BO					034	2	-	CN	83	1
WELL # 12-19-53-8W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
1174	57.700	-115.180	0.2400	O	B	CANMORE	AB	IS	OC					055		?	CN	85	5
WILSON MINE; LIGHTEST OF 3 OVERCORES IN ROOF, P=66, 62, 55																AGC	S		
BELL, J.S., 1985, OFFSET BOREHOLES IN THE ROCKY MOUNTAINS OF ALBERTA, CANADA; GEOLOGY, VOL 13, OCT 85 P#734-737																			
207	56.580	-115.230	1.3580	O	C	CENTRAL ALBERTA	AB	IS	BO					056		-	CN	85	2
WELL # 10-29-87-8W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP						
291	52.180	-115.250	2.6450	O	A	S. ALBERTA	AB	IS	BO					032	3	-		CN	83	1
																		U OF A	M	

WELL # 06-17-37-9W5
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

969	52.210	-115.250	4.0000	O	A	ROCKY MOUNTAIN HOUSE	AB	FM	C	M1				084		T/SS	CN	86	6	
																EPB	M	084	10	
																		345	30	
																		190	58	

COMPOSITE MECHANISM; 59 EVENTS
WETMILLER, R.J., 1986, EARTHQUAKES NEAR ROCKY MOUNTAIN HOUSE, ALBERTA, AND THEIR RELATIONSHIP TO GAS PRODUCTION FACILITIES. CANADIAN JOUR. EARTH SCI., VOL.23,pp 172-181.

252	53.380	-115.260	2.4470	O	B	CENTRAL ALBERTA	AB	IS	BO					042	3	-		CN	81	1
																		B.P.	M	

WELL # 10-04-51-9W5
GOUGH, D.I. AND BELL, J.S., 1981. STRESS ORIENTATIONS FROM OIL-WELL FRACTURES IN ALBERTA AND TEXAS; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 18, NO. 3, 1981, PP.638-645

250	53.390	-115.270	2.2360	O	A	CENTRAL ALBERTA	AB	IS	BO					058	2	-		CN	83	1
																		U OF A	M	

WELL # 05-09-51-9W5
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

206	56.570	-115.270	1.2040	O	B	CENTRAL ALBERTA	AB	IS	BO					028	10	-		CN	85	2
																		A.R.C.	M	

WELL # 04-30-87-8W5
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

251	53.390	-115.280	0.7160	O	B	CENTRAL ALBERTA	AB	IS	BO					045	4	-		CN	83	1
																		U OF A	M	

WELL # 08-08-51-9W5
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

286	52.240	-115.300	2.3170	O	B	CENTRAL ALBERTA	AB	IS	BO					030	7	-		CN	85	2
																		A.R.C.	M	

WELL # 06-01-38-10W5
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

220	55.990	-115.330	1.3660	O	B	CENTRAL ALBERTA	AB	IS	BO					008	5	-		CN	83	1
																		U OF A	M	

WELL # 05-03-81-9W5
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

218	56.020	-115.330	1.5360	O	B	CENTRAL ALBERTA	AB	IS	BO					027	3	-		CN	83	1
																		U OF A	M	

WELL # 04-15-81-9W5
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

219	56.010	-115.340	1.7010	O	C	CENTRAL ALBERTA	AB	IS	BO					033		-		CN	82	1
																		U OF A	M	

WELL # 10-09-81-9W5
FORDJOR, C.K. 1982. A STATISTICAL STUDY OF BREAKOUTS IN OIL-WELLS IN ALBERTA. M.Sc. THESIS, UNIVERSITY OF ALBERTA, EDMONTON, ALTA., 112P.

226	54.820	-115.340	2.1370	O	A	CENTRAL ALBERTA	AB	IS	BO					037	6	-		CN	78	1
																		U OF A	M	

WELL # 13-20-67-9W5
BABCOCK, E.A. 1978. MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS. BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
215	56.040	-115.350	1.7470	O	B	CENTRAL ALBERTA	AB	IS	BO					031		-	CN	82	1
WELL #	14-21-81-9W5																U OF A	M	

FORDJOR, C.K. 1982. A STATISTICAL STUDY OF BREAKOUTS IN OIL-WELLS IN ALBERTA. M.Sc. THESIS, UNIVERSITY OF ALBERTA, EDMONTON, ALTA., 112P.

213	56.080	-115.360	1.5890	O	C	CENTRAL ALBERTA	AB	IS	BO					180		-	CN	83	1
WELL #	09-05-82-9W5																U OF A	M	

FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

217	56.030	-115.370	1.3160	O	B	CENTRAL ALBERTA	AB	IS	BO					025	1	-	CN	83	1
WELL #	02-20-81-9W5																U OF A	M	

FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

216	56.030	-115.380	0.8920	O	A	CENTRAL ALBERTA	AB	IS	BO					033	9	-	CN	83	1
WELL #	04-20-81-9W5																U OF A	M	

FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

244	53.470	-115.380	2.3590	O	A	CENTRAL ALBERTA	AB	IS	BO					042	6	-	CN	81	1
WELL #	07-10-52-10W5																B.P.	M	

GOUGH, D.I. AND BELL, J.S., 1981. STRESS ORIENTATIONS FROM OIL-WELL FRACTURES IN ALBERTA AND TEXAS; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 18, NO. 3, 1981, PP.638-645

263	53.210	-115.430	2.6190	O	A	CENTRAL ALBERTA	AB	IS	BO					047	8	-	CN		2
WELL #	13-05-49-10W5																6	M	

BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

300	51.910	-115.430	4.3120	O	B	S.W. ALBERTA	AB	IS	BO					048	6	-	CN	83	1
WELL #	02-13-34-11W5																U OF A	M	

FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

214	56.070	-115.430	1.5400	O	B	CENTRAL ALBERTA	AB	IS	BO					029	6	-	CN	78	1
WELL #	11-36-81-10W5																U OF A	M	

BABCOCK, E.A. 1978. MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS. BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.

290	52.200	-115.520	3.6840	O	A	S. ALBERTA	AB	IS	BO					061	5	-	CN	83	1
WELL #	14-21-37-11W5																U OF A	M	

FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

262	53.230	-115.520	2.6630	O	A	CENTRAL ALBERTA	AB	IS	BO					049	4	-	CN	85	2
WELL #	15-15-49-11W5																A.G.C.	M	

BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

249	53.430	-115.520	2.6290	O	C	CENTRAL ALBERTA	AB	IS	BO					030	3	-	CN	83	1
WELL #	04-26-51-11W5																U OF A	M	

FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
282	52.320	-115.530	4.4740	O	B	CENTRAL ALBERTA	AB	IS	BO					054	9	-	CN	85	2
WELL # 04-04-39-11W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
295	51.980	-115.550	4.7650	O	A	S. ALBERTA	AB	IS	BO					081	9	-	CN	83	1
WELL # 05-05-35-11W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
280	52.470	-115.590	4.3720	O	B	CENTRAL ALBERTA	AB	IS	BO					042	9	-	CN	85	2
WELL # 07-25-40-12W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
257	53.300	-115.690	2.9090	O	A	CENTRAL ALBERTA	AB	IS	BO					047	9	-	CN	81	1
WELL # 01-09-50-12W5																	B.P.	M	
GOUGH, D.I. AND BELL, J.S., 1981. STRESS ORIENTATIONS FROM OIL-WELL FRACTURES IN ALBERTA AND TEXAS; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 18, NO. 3, 1981, PP.638-645																			
258	53.300	-115.690	0.7950	O	A	CENTRAL ALBERTA	AB	IS	BO					037	3	-	CN	83	1
WELL # 06-12-50-11W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
256	53.340	-115.720	2.5790	O	A	CENTRAL ALBERTA	AB	IS	BO					032	5	-	CN	83	1
WELL # 14-20-50-12W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
265	53.170	-115.750	3.2690	O	B	CENTRAL ALBERTA	AB	IS	BO					044	4	-	CN	81	1
WELL # 06-30-48-12W5																	B.P.	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
276	52.720	-115.810	3.6610	O	A	CENTRAL ALBERTA	AB	IS	BO					054	8	-	CN	85	2
WELL # 11-22-43-13W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
264	53.180	-115.840	3.2090	O	B	CENTRAL ALBERTA	AB	IS	BO					047	3	-	CN	85	2
WELL # 15-28-48-13W5																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
268	53.090	-115.870	3.1630	O	A	CENTRAL ALBERTA	AB	IS	BO					041	8	-	CN	83	1
WELL # 03-32-47-13W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
238	53.860	-115.950	2.9090	O	A	CENTRAL ALBERTA	AB	IS	BO					046	7	-	CN	85	2
WELL # 11-24-56-14W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
272	52.910	-116.040	3.3360	O	B	CENTRAL ALBERTA	AB	IS	BO					058	4	-	CN	83	1
WELL # 10-25-45-15W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
1172	47.330	-116.060	2.2850	O	B	KELLOG	ID	IS	HF		43.0	26.0	62.0	000		N	US	77	5
SINGLE MEASUREMENT IN QUARTZITE (Z+Z.ID-6)																UWISC	S		
HAIMSON, B.C., 1977, CRUSTAL STRESS IN THE CONTINENTAL UNITED STATES AS DERIVED FROM HYDROFRACTURING TESTS; J.GEOPHYS RESEARCH, VOL 82, P#576-592																			
230	54.180	-116.090	2.4550	O	B	CENTRAL ALBERTA	AB	IS	BO					064	9	-	CN	83	1
WELL # 10-07-60-14W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
255	53.330	-116.160	3.2360	O	A	CENTRAL ALBERTA	AB	IS	BO					043	9	-	CN	83	1
WELL # 06-20-50-15W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
271	52.910	-116.230	4.2110	O	A	CENTRAL ALBERTA	AB	IS	BO					045	2	-	CN	83	1
WELL # 10-27-45-16W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
269	52.990	-116.460	2.3210	O	A	CENTRAL ALBERTA	AB	IS	BO					056	11	-	CN	83	1
WELL # 06-30-46-17W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
234	54.070	-116.540	3.2790	O	B	CENTRAL ALBERTA	AB	IS	BO					049	12	-	CN	85	2
WELL # 06-06-59-17W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
235	54.040	-116.560	3.3860	O	B	CENTRAL ALBERTA	AB	IS	BO					046	9	-	CN	85	2
WELL # 01-26-58-18W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
233	54.070	-116.560	3.2870	O	A	CENTRAL ALBERTA	AB	IS	BO					044	10	-	CN	85	2
WELL # 02-01-59-18W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
231	54.100	-116.570	3.1930	O	B	CENTRAL ALBERTA	AB	IS	BO					047	9	-	CN	85	2
WELL # 12-13-59-18W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
236	54.030	-116.570	3.3710	O	B	CENTRAL ALBERTA	AB	IS	BO					048	4	-	CN	85	2
WELL # 12-23-58-18W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
274	52.800	-116.840	3.4590	O	B	CENTRAL ALBERTA	AB	IS	BO					044	20	-	CN	85	2
WELL # 11-21-44-20W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
229	54.380	-116.880	1.6360	O	A	CENTRAL ALBERTA	AB	IS	BO					057	7	-	CN	78	1
WELL # 16-23-62-20W5																	U OF A	M	
BABCOCK, E.A. 1978. MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS. BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.																			
267	53.090	-116.930	5.0110	O	A	CENTRAL ALBERTA	AB	IS	BO					057	10	-	CN	85	2
WELL # 16-25-47-21W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
248	53.430	-116.940	3.8480	O	A	CENTRAL ALBERTA	AB	IS	BO					039	9	-	CN	85	2
WELL # 06-30-51-20W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
400	73.500	-117.000	1.0000	O	C	BANKS ISLAND	NT	IS	BO					066		-	CN	83	1
																	SCHLUM	M	
COX, J.W., 1983. LONG AXIS ORIENTATION IN ELONGATED BOREHOLES AND ITS CORRELATION WITH ROCK STRESS DATA; SPWLA 24TH ANNUAL LOGGING SYMPOSIUM, JUNE 27-30, 1983, P#1-17																			
242	53.490	-117.030	3.8890	O	B	CENTRAL ALBERTA	AB	IS	BO					035	5	-	CN	83	1
WELL # 16-16-52-21W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
243	53.460	-117.070	4.1060	O	A	CENTRAL ALBERTA	AB	IS	BO					052	7	-	CN	85	2
WELL # 03-05-52-21W5																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
254	53.310	-117.110	4.0900	O	A	CENTRAL ALBERTA	AB	IS	BO					049	9	-	CN	85	2
WELL # 02-14-50-22W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
201	57.650	-117.140	0.7760	O	B	N.W. ALBERTA	AB	IS	BO					065	6	-	CN	85	2
WELL # 11-01-100-20W5																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
261	53.270	-117.230	2.9810	O	A	CENTRAL ALBERTA	AB	IS	BO					061	11	-	CN	83	1
WELL # 03-36-49-23W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
232	54.130	-117.260	3.1330	O	A	CENTRAL ALBERTA	AB	IS	BO					045	10	-	CN	83	1
WELL # 02-29-59-22W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
260	53.210	-117.440	2.3410	O	B	CENTRAL ALBERTA	AB	IS	BO					067	21	-	CN	83	1
WELL # 07-09-49-24W5																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
253	53.300	-117.810	1.4370	O	B	CENTRAL ALBERTA	AB	IS	BO					056	14	-	CN	85	2
WELL # 10-12-50-27W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
239	53.750	-117.940	4.4050	O	A	CENTRAL ALBERTA	AB	IS	BO					043	7	-	CN	85	2
WELL # 01-16-55-27W5																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
187	59.040	-118.020	1.5390	O	C	N.W. ALBERTA	AB	IS	BO					056		-	CN	82	1
WELL # 03-01-116-1W6																	U OF A	M	
FORDJOR, C.K. 1982. A STATISTICAL STUDY OF BREAKOUTS IN OIL-WELLS IN ALBERTA. M.Sc. THESIS, UNIVERSITY OF ALBERTA, EDMONTON, ALTA., 112P.																			
208	56.440	-118.140	1.8620	O	B	W. CENTRAL ALBERTA	AB	IS	BO					026	10	-	CN	85	2
WELL # 07-07-86-1W6																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
222	55.560	-118.170	2.2310	O	B	CENTRAL ALBERTA	AB	IS	BO					025	8	-	CN	85	2
WELL # 11-01-76-2W6																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
240	53.590	-118.190	2.0180	O	B	CENTRAL ALBERTA	AB	IS	BO					045	14	-	CN	85	2
WELL # 11-23-53-2W6																	A.R.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
189	59.020	-118.470	0.8880	O	B	N.W. ALBERTA	AB	IS	BO					088	21	-	CN	85	2
WELL # 15-29-115-3W6																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			
188	59.020	-118.620	1.3860	O	B	N.W. ALBERTA	AB	IS	BO					063	4	-	CN	83	1
WELL # 05-28-115-4W6																	U OF A	M	
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																			
227	54.740	-118.640	2.0410	O	B	CENTRAL ALBERTA	AB	IS	BO					041	9	-	CN	78	1
WELL # 10-26-66-5W6																	U OF A	M	
BABCOCK, E.A. 1978. MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS. BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.																			
203	57.350	-118.730	2.0530	O	B	N.W. ALBERTA	AB	IS	BO					053	11	-	CN	85	2
WELL # 01-28-96-5W6																	A.G.C.	M	
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP						
212	56.140	-118.750	1.7660	O	A	W. CENTRAL ALBERTA	AB	IS	BO					020	6	-	CN	85	2	
WELL # 11-29-82-5W6																	A.G.C.	M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																				
190	58.950	-118.780	1.4750	O	C	N.W. ALBERTA	AB	IS	BO					030		-	CN	82	1	
WELL # 12-33-114-5W6																	U OF A	M		
FORDJOR, C.K. 1982. A STATISTICAL STUDY OF BREAKOUTS IN OIL-WELLS IN ALBERTA. M.Sc. THESIS, UNIVERSITY OF ALBERTA, EDMONTON, ALTA., 112P.																				
211	56.130	-118.810	1.7240	O	A	W. CENTRAL ALBERTA	AB	IS	BO					016	6	-	CN	83	1	
WELL # 12-24-82-6W6																	U OF A	M		
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																				
184	59.120	-118.870	1.4110	O	C	N.W. ALBERTA	AB	IS	BO					180		-	CN	83	1	
WELL # 14-36-116-6W6																	U OF A	M		
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																				
569	52.650	-118.890	12.0000	O	A	MCNAUGHTON LAKE	BC	FM	S	M4				041		SS/T	CN	78	6	
780514 ML 4.8																PGC	M	041	18	
ROGERS, G.C., ELLIS, R.M., AND HASEGAWA, H.S., 1980. THE MCNAUGHTON LAKE EARTHQUAKE OF MAY 14, 1978; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 70, NO. 5, OCTOBER, 1980, PP.1771-1786																		298	32	
																		158	59	
209	56.200	-118.930	1.9350	O	A	W. CENTRAL ALBERTA	AB	IS	BO					025	5	-	CN	83	1	
WELL # 09-18-83-6W6																	U OF A	M		
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																				
193	58.740	-118.950	1.3790	O	B	N.W. ALBERTA	AB	IS	BO					069	1	-	CN	83	1	
WELL # 03-21-112-6W6																	U OF A	M		
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																				
186	59.070	-118.950	1.3340	O	C	N.W. ALBERTA	AB	IS	BO					082		-	CN	82	1	
WELL # 15-09-116-6W6																	U OF A	M		
FORDJOR, C.K. 1982. A STATISTICAL STUDY OF BREAKOUTS IN OIL-WELLS IN ALBERTA. M.Sc. THESIS, UNIVERSITY OF ALBERTA, EDMONTON, ALTA., 112P.																				
185	59.120	-118.960	0.8960	O	B	N.W. ALBERTA	AB	IS	BO					050	6	-	CN	85	2	
WELL # 12-33-116-6W6																	A.G.C.	M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																				
1125	46.550	-119.000	1.0000	S	B	ELTOPIA	WA	FM	C	M1				160		SS/T	US	73	5	
SWARM IN 1973, ONE OF 3 COMPOSITE MECHANISMS																UWASH	M	160	18	
MALONE, S.D., ROTHE, G.H. AND SMITH, S.W., 1975. DETAILS OF THE MICROEARTHQUAKE SWARMS IN THE COLUMBIA BASIN, WASHINGTON; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 65, P. 855-864.																		254	28	
																		354	40	
1124	46.550	-119.000	1.0000	S	B	ELTOPIA	WA	FM	C	M1				168		SS/T	US	73	5	
SWARM IN 1973, ONE OF 3 COMPOSITE MECHANISMS																UWASH	M	168	02	
MALONE, S.D., ROTHE, G.H. AND SMITH, S.W., 1975. DETAILS OF THE MICROEARTHQUAKE SWARMS IN THE COLUMBIA BASIN, WASHINGTON; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 65, P. 855-864.																		260	54	
																		076	56	

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

1126    46.550  -119.000     1.0000  S  B  ELTOPIA               WA  FM  C   M1                          183      T    US  73 5
  SWARM IN 1973, ONE OF 3 COMPOSITE MECHANISMS                                                            UWASH  M 183 02
  MALONE, S.D., ROTHE, G.H. AND SMITH, S.W., 1975.  DETAILS OF THE MICROEARTHQUAKE SWARMS IN THE COLUMBIA BASIN,   274 05
    WASHINGTON; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 65, P. 855-864.                          076 89

 616    53.950  -119.036     0.2000  O  D  GRANDE CACHE         AB  GL  SQ  CT                          032      T    CN  81 3
  MCINTYRE NO.2 MINE, SMOKY RIVER COALFIELD                                                               U OF A L
  JEREMIC, M.L., 1979. COAL MINE ROADWAY STABILITY IN RELATION TO LATERAL TECTONIC STRESS - WESTERN CANADA
  SME PAPER 79-225, MINING ENGINEERING, JUNE 1981, PP. 704-709

 179    59.490  -119.080     1.5520  O  C  N.W. ALBERTA         AB  IS  BO                          069   3  -    CN  85 2
  WELL #     03-11-121-7W6                                                                              A.G.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

 192    58.710  -119.100     1.5360  O  B  N.W. ALBERTA         AB  IS  BO                          060   4  -    CN  85 2
  WELL #     09-09-112-7W6                                                                              A.G.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

 198    58.460  -119.150     1.6430  O  C  N.W. ALBERTA         AB  IS  BO                          180      -    CN  83 1
  WELL #     07-18-109-7W6                                                                              U OF A M
  FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE;
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

 181    59.290  -119.200     1.5780  O  B  N.W. ALBERTA         AB  IS  BO                          063  10  -    CN  78 1
  WELL #     02-36-118-8W6                                                                              U OF A M
  FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE;
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

 225    54.990  -119.220     3.4830  O  B  CENTRAL ALBERTA      AB  IS  BO                          042  14  -    CN  78 1
  WELL #     13-19-69-8W6                                                                               U OF A M
  BABCOCK, E.A. 1978.  MEASUREMENTS OF SUBSURFACE FRACTURES FROM DIPMETER LOGS.  BULLETIN OF THE AMERICAN ASSOCIATION
    OF PETROLEUM GEOLOGISTS, 62, PP. 1111-1126.

 182    59.250  -119.250     1.6220  O  B  N.W. ALBERTA         AB  IS  BO                          039   1  -    CN  83 1
  WELL #     09-15-118-8W6                                                                              U OF A M
  FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE;
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

 617    54.100  -119.255     0.2000  O  D  GRANDE CACHE         AB  GL  SQ  CT                          031      T    CN  81 3
  MCINTYRE NO. 10 MINE, SMOKY RIVER COALFIELD                                                             U OF A L
  JEREMIC, M.L., 1979. COAL MINE ROADWAY STABILITY IN RELATION TO LATERAL TECTONIC STRESS - WESTERN CANADA
  SME PAPER 79-225, MINING ENGINEERING, JUNE 1981, PP. 704-709

 196    58.510  -119.280     1.6430  O  C  N.W. ALBERTA         AB  IS  BO                          180      -    CN  85 2
  WELL #     05-33-109-8W6                                                                              A.G.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

 197    58.500  -119.290     1.5840  O  B  N.W. ALBERTA         AB  IS  BO                          053   7  -    CN  85 2
  WELL #     15-29-109-8W6                                                                              A.R.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP						
183	59.240	-119.300	0.5470	O	B	N.W. ALBERTA	AB	IS	BO					051	12	-	CN	83	1	
WELL # 14-09-118-8W6																	U OF A	M		
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																				
1138	46.670	-119.320	1.0000	A	B	S CENTRAL WASHINGTON	WA	FM	A	M1				167	13	T/SS	US	75	5	
AVERAGE P AXIS FOR 6 MECHANISMS FROM 3 SWARMS.																UWASH	M			
MALONE, S.D., ROTHE, G.H. AND SMITH, S.W., 1975. DETAILS OF THE MICROEARTHQUAKE SWARMS IN THE COLUMBIA BASIN, WASHINGTON; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 65, P.855-864.																				
180	59.300	-119.400	1.1100	O	B	N.W. ALBERTA	AB	IS	BO					050	15	-	CN	83	1	
WELL # 03-01-119-9W6																	U OF A	M		
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																				
195	58.550	-119.460	1.5750	O	A	N.W. ALBERTA	AB	IS	BO					065	10	-	CN	83	1	
WELL # 10-17-110-9W6																	U OF A	M		
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																				
202	57.360	-119.470	2.2920	O	B	N.W. ALBERTA	AB	IS	BO					046	10	-	CN	85	2	
WELL # 10-25-96-10W6																	A.G.C.	M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																				
191	58.770	-119.570	1.5890	O	B	N.W. ALBERTA	AB	IS	BO					061	11	-	CN	83	1	
WELL # 13-35-112-10W6																	U OF A	M		
FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE; CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455																				
223	55.140	-119.580	1.0490	O	A	CENTRAL ALBERTA	AB	IS	BO					044	6	-	CN	85	2	
WELL # 10-11-71-11W6																	A.G.C.	M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																				
1121	46.492	-119.583	1.0240	S	A	HANFORD SITE	WA	IS	HF		61.2	34.8	26.2	023	21	T	US	86	5	
DC-12, AVERAGE OF 6 TESTS																USGS	M			
PAILLET, F.L. AND KIM, K., 1987. THE CHARACTER AND DISTRIBUTION OF BOREHOLE BREAKOUTS AND THEIR RELATIONSHIP TO IN SITU STRESSES IN DEEP COLUMBIA RIVER BASALTS; JGR IN PRESS.																				
1119	46.550	-119.600	1.1000	O	A	HANFORD SITE	WA	IS	BO					180			US	86	5	
E-W ORIENTED BREAKOUTS IN BASALT.																USGS	M			
PAILLET, F.L. AND KIM, K., 1987. THE CHARACTER AND DISTRIBUTION OF BOREHOLE BREAKOUTS AND THEIR RELATIONSHIP TO IN SITU STRESSES IN DEEP COLUMBIA RIVER BASALTS; JGR IN PRESS.																				
224	54.980	-119.610	2.2250	O	B	CENTRAL ALBERTA	AB	IS	BO					031	8	-	CN	85	2	
WELL # 10-16-69-11W6																	A.G.C.	M		
BELL, J.S., AND BABCOCK, E.A., 1986. THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.																				
1128	46.750	-119.640	1.0000	S	C	ROYAL SLOPE	WA	FM	C					353		T/SS	US	74	5	
SWARM IN 1973-74, ONE OF 2 MECHANISMS																UWASH	M	353	34	
MALONE, S.D., ROTHE, G.H. AND SMITH, S.W., 1975. DETAILS OF THE MICROEARTHQUAKE SWARMS IN THE COLUMBIA BASIN, WASHINGTON; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 65, P. 855-864.																		257	16	
																		148	70	

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

1129    46.880  -119.640     1.0000  S  C  WAHLUKE               WA  FM  C                                 325      T/SS US  72 5
   SWARM IN DECEMBER, 1972; NO PLANES OR B AXIS GIVEN                                                     UWASH  M 325 02
   MALONE, S.D., ROTHE, G.H. AND SMITH, S.W., 1975.  DETAILS OF THE MICROEARTHQUAKE SWARMS IN THE COLUMBIA BASIN,
     WASHINGTON; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 65, P. 855-864.                                123 60

1127    46.750  -119.640     1.0000  S  B  ROYAL SLOPE           WA  FM  C                                 180      T    US  74 5
   SWARM IN 1973-74, ONE OF TWO MECHANISMS                                                                UWASH  M 180 08
   MALONE, S.D., ROTHE, G.H. AND SMITH, S.W., 1975.  DETAILS OF THE MICROEARTHQUAKE SWARMS IN THE COLUMBIA BASIN,          272 02
     WASHINGTON; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 65, P. 855-864.                                345 88

1140    46.560  -119.720     1.1000  A  A  HANFORD SITE          WA  IS  HF                                 008  10  T    US  86 5
   AVERAGE OF 4 HOLES, SEQ #1120-1123.                                                                    USGS   M
   PAILLET, F.L. AND KIM, K., 1987.  THE CHARACTER AND DISTRIBUTION OF BOREHOLE BREAKOUTS AND THEIR RELATIONSHIP TO
     IN SITU STRESSES IN DEEP COLUMBIA RIVER BASALTS; JGR IN PRESS.

 210    56.130  -119.730     0.7890  O  C  W. CENTRAL ALBERTA    AB  IS  BO                                 180      -    CN  85 2
   WELL #     16-24-82-12W6                                                                                A.G.C. M
   BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
     PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

1122    46.580  -119.750     1.0470  S  A  HANFORD SITE          WA  IS  HF      60.6    34.5    26.3    357  14  T    US  86 5
   RRL-2, AVERAGE OF 5 TESTS                                                                              USGS   M
   PAILLET, F.L. AND KIM, K., 1987.  THE CHARACTER AND DISTRIBUTION OF BOREHOLE BREAKOUTS AND THEIR RELATIONSHIP TO
     IN SITU STRESSES IN DEEP COLUMBIA RIVER BASALTS; JGR IN PRESS.

1120    46.607  -119.753     0.9760  S  B  HANFORD SITE          WA  IS  HF      59.9    30.8    24.4    012  16  T    US  86 5
   DC-4, SINGLE TEST                                                                                      USGS   M
   PAILLET, F.L. AND KIM, K., 1987.  THE CHARACTER AND DISTRIBUTION OF BOREHOLE BREAKOUTS AND THEIR RELATIONSHIP TO
     IN SITU STRESSES IN DEEP COLUMBIA RIVER BASALTS; JGR IN PRESS.

1123    46.567  -119.780     1.1740  S  A  HANFORD SITE          WA  IS  HF      61.6    33.0    27.8    005  22  T    US  86 5
   RRL-6, AVERAGE OF 7 TESTS                                                                              USGS   M
   PAILLET, F.L. AND KIM, K., 1987.  THE CHARACTER AND DISTRIBUTION OF BOREHOLE BREAKOUTS AND THEIR RELATIONSHIP TO
     IN SITU STRESSES IN DEEP COLUMBIA RIVER BASALTS; JGR IN PRESS.

 681    45.154  -120.861    15.0000  O  B  DESCHUTES VALLEY      OR  FM  S   M4                             198      T    US  76 6
   760412 ML 4.8 AFTERSHOCKS TREND NW                                                                     UWASH  M 198
   COUCH, R.G. THRASHER, AND K. KEELING, 1976.  THE DESCHUTES VALLEY EARTHQUAKE OF APRIL 12, 1976;                   108 00
     THE ORE BIN, 38, 161, 1976.                                                                                     018 74

1098    46.180  -120.900     2.0000  O  C  LOST HORSE PLATEAU    WA  GL  VA  CT                             180      SS?  US     5
   NEEDS REFERENCE                                                                                            L
   ZOBACK AND ZOBACK STRESS DATA BASE SEQ #WA-4.

 662    47.200  -120.900    10.0000  O  B  CLE ELUM              WA  FM  S                                  018      SS   US  83 5
   from UWASH [UNPUB.] 1981                                                                               UWASH  M 018
   WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN
     SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383

 661    46.300  -121.000    10.0000  O  B  LINCOLN PLATEAU        WA  FM  S                                  004      SS   US  83 5
   from UWASH [UNPUB.] 1981                                                                               UWASH  M 004
   WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN
     SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY        PR  C1  C2  C3  P     Q     V     AZP

178     59.700  -121.020     1.0180  O  B  N.W. B.C.          BC  IS  BO                          078  11  -    CN  85 2
  WELL #     b-42-I-94-P-11                                                                                    A.G.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

177     59.790  -121.060     1.7810  O  C  N.W. B.C.          BC  IS  BO                          180      -    CN  83 1
  WELL #     b-45-A-94-P-14                                                                                    U OF A M
  FORDJOR, C.K., BELL, J.S., AND GOUGH, D.I., 1983. BREAKOUTS IN ALBERTA AND STRESS IN THE NORTH AMERICAN PLATE;
    CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 20, NO. 9, 1983, PP. 1445-1455

345     60.470  -121.180     1.0000  O  B  N.W. NORTHWEST T.  NT  IS  BO                          059      -    CN  83 1
  WELL =     ATKINSON TROUT LAKE M-51                                                                          U OF A M
  GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
    NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

694     46.530  -121.410     8.0000  O  A  GOAT ROCKS        WA  FM  S   M5                      002     SS   US  81 5
  810528  M 5 (DATA FROM WEAVER AND SMITH, 1983).                                                         UWASH  L 002
  ZOLLWEG, J.E., AND R.S. CROSSON, 1981.  THE GOAT ROCKS WILDERNESS, WASHINGTON, EARTHQUAKE OF 28 MAY 1981;
    EOS TRANS, AGU, vol.62, no.45, NOVEMBER 10, 1981.  P. 966

221     55.900  -121.490     1.8920  O  A  E. CENTRAL B.C.    BC  IS  BO                          034   9  -    CN  85 2
  WELL #     14-35-79-23W6                                                                                     A.G.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

680     46.761  -121.520     5.6000  O  A  MT. RAINIER       WA  FM  S   M5                      170     SS   US  74 5
  740420  M 4.8, WELL CONSTRAINED SOLUTION                                                                  UWASH  M 170
  CROSSON, R.S. AND J. LIN, 1975.  A NOTE ON THE MT. RAINIER EARTHQUAKE OF APRIL 20, 1974; BULLETIN OF THE
    SEISMOLOGICAL SOCIETY OF AMERICA, vol.65, no.2, APRIL 1975.  PP. 549-556.

204     56.800  -121.650     1.1350  O  B  N.W. B.C.          BC  IS  BO                          036   4  -    CN  81 1
  WELL #     d-53-B-94-A-13                                                                                    B.P.   M
  GOUGH, D.I. AND BELL, J.S., 1981. STRESS ORIENTATIONS FROM OIL-WELL FRACTURES IN ALBERTA AND TEXAS; CANADIAN
    JOURNAL OF EARTH SCIENCES, VOL. 18, NO. 3, 1981, PP.638-645

194     58.700  -121.680     1.6350  O  B  N.W. B.C.          BC  IS  BO                          063  14  -    CN  81 1
  WELL #     d-35-J-94-I-12                                                                                    B.P.   M
  GOUGH, D.I. AND BELL, J.S., 1981. STRESS ORIENTATIONS FROM OIL-WELL FRACTURES IN ALBERTA AND TEXAS; CANADIAN
    JOURNAL OF EARTH SCIENCES, VOL. 18, NO. 3, 1981, PP.638-645

682     45.370  -121.710     6.0000  O  B  MT. HOOD           OR  FM  A                           035     SS   US      5
  WEAVER AND OTHERS 1982, AVG OF 10 EQS.                                                                          L 035
  ZOBACK AND ZOBACK STRESS DATABASE SEQ #WA-9.

1133    48.260  -121.730     2.0000  O  D  DARRINGTON         WA  FM  C   M3                      180      T   US  86 5
  SWARM IN MARCH, 1986.  Ml = 3.2, AZP UNCERTAIN TO +/- 30 DEGREES.                                     UWASH  M 180
  JOHNSON BROWN, P.A. AND ZOLLWEG, J.E., 1987.  THE 1986 DARRINGTON, WASHINGTON EARTHQUAKE SWARM: EVIDENCE FOR TIGHTLY
    CLUSTERED ASPERITIES?; EOS, TRANSACTIONS, AMERICAN GEOPHYSICAL UNION, VOL. 68, P. 46.

895     47.610  -121.790    23.9400  O  B  PUGET SOUND        WA  FM  A   M2                      023      T   US  72 6
  GROUP B (24 EARTHQUAKES) ; M 2.0 ; ESTIMATED AZP                                                       UW     M 023
  CROSSON, R.S., 1972, SMALL EARTHQUAKES, STRUCTURE, AND TECTONICS OF THE PUGET SOUND REGION,                     116 44
    BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.62, NO.5, pp.1133-11721                                291 57
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 663    47.900  -121.800    10.0000  O  B  EVERETT              WA  FM  S                                 003      T    US  83 5
   from UWASH [UNPUB.] 1981                                                                                        UWASH  M 003
   WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN
     SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383

1099    46.000  -121.820     2.0000  O  C  SKAMANIA NAT FOREST  WA  GL  VA  CT                             003      SS?  US      5
   NEEDS REFERENCE                                                                                                     L
   ZOBACK AND ZOBACK STRESS DATABASE SEQ #WA-5.

 678    46.822  -121.831    10.9000  O  B  MT. RAINIER          WA  FM  S   M4                             354      SS   US  73 6
   730718  M 3.9, LESS WELL CONSTRAINED SOLUTION.                                                                   UWASH  M 354 14
   CROSSON, R.S., AND D. FRANK, 1975.  THE MT. RAINIER EARTHQUAKE OF JULY 18, 1973, AND ITS TECTONIC SIGNIFICANCE;      118 56
     BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.65, no.2, APRIL 1975.  PP. 393-401                         268 27

1103    53.640  -121.860    15.0000  O  A  PRINCE GEORGE        BC  FM  M   M5                             192      T/SS CN  86 5
   860321  Mb = 5.4                                                                                                  HARVD  M 192 19
   DZIEWONSKI, A.M., EKSTROM, G., FRANZEN, J.E. AND WOODHOUSE, J.H., 1987.  CENTROID-MOMENT TENSOR SOLUTIONS FOR JANUARY  293 27
     -MARCH, 1986; PHYSICS OF THE EARTH AND PLANETARY INTERIORS, VOL. 45, P. 1-10.                                   071 56

 664    47.600  -121.900    10.0000  O  B  ISSAQUAH             WA  FM  S                                 003      SS   US  83 5
   from UWASH [UNPUB.] 1981                                                                                          UWASH  M 003
   WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN
     SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383

 894    47.670  -121.960    25.4000  O  B  PUGET SOUND          WA  FM  A   M2                             150      SS/T US  72 6
   GROUP A (20 EARTHQUAKES); M 2.1 ; ESTIMATED AZP                                                                   UW     M 150
   CROSSON, R.S., 1972, SMALL EARTHQUAKES, STRUCTURE, AND TECTONICS OF THE PUGET SOUND REGION,                         256 35
     BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.62, NO.5, pp.1133-11721                                   055 39

1112    46.000  -122.070     7.2000  O  A  SIOUXON PEAK         WA  FM  S   M5                             016  5   SS   US  61 5
   610917  Ml = 5.1                                                                                                  USGS   M 016 21
   GRANT, W.C. AND WEAVER, C.S., 1986.  EARTHQUAKES NEAR SWIFT RESERVOIR, WASHINGTON, 1958-1963; SEISMICITY ALONG THE  212 84
     SOUTHERN ST. HELENS SEISMIC ZONE; BULL. OF THE SEIS. SOC. OF AMERICA, VOL. 76, P. 1573-1587.                    086 16

 671    46.100  -122.120     2.8000  O  A  ST. HELENS           WA  FM  S   M3                             208      SS   US  80 6
   800720  M 3.2                                                                                                     UWASH  M 208 00
   WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN      000 90
     SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383                                 118 00

 672    46.170  -122.120     8.8000  O  A  ST. HELENS           WA  FM  S   M3                             022      SS   US  80 6
   800720  M 3.2                                                                                                     UWASH  M 022 13
   WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN      268 64
     SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383                                 120 28

1111    46.100  -122.130     6.9600  O  A  MARBLE MOUNTAIN      WA  FM  S   M3                             025      SS   US  80 5
   800720  Ml = 3.6                                                                                                  USGS   M 025 14
   GRANT, W.C. AND WEAVER, C.S., 1986.  EARTHQUAKES NEAR SWIFT RESERVOIR, WASHINGTON, 1958-1963; SEISMICITY ALONG THE  132 84
     SOUTHERN ST. HELENS SEISMIC ZONE; BULL. OF THE SEIS. SOC. OF AMERICA, VOL. 76, P. 1573-1587.                    292 32

 674    45.920  -122.150     9.6000  O  D  ST. HELENS           WA  FM  A   M3                             220      SS   US  81 6
   810721 M 2.5 PURE STRIKE SLIP SOLUTIONS CHOSEN FROM END MEMBERS.                                                  UWASH  M 220 00
   WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN      000 90
     SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383                                 130 00
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

1100    45.670  -122.170     2.0000  O  C  LOOKOUT MTN.        WA  GL  VA  CT                          008      SS?  US      5
  NEEDS REFERENCE                                                                                                     L
  ZOBACK AND ZOBACK STRESS DATABASE SEQ #WA-6.

 199    58.410  -122.170     1.8210  O  A  N.W. B.C.           BC  IS  BO                          067   9  -    CN  85 2
  WELL #     d-84-G-94-J-8                                                                                        A.G.C. M
  BELL, J.S., AND BABCOCK, E.A., 1986.  THE STRESS REGIME OF THE WESTERN CANADIAN BASIN AND IMPLICATIONS FOR HYDROCARBON
    PRODUCTION; CANADIAN PETROLEUM GEOLOGY BULLETIN, VOL. 34, P. 364-378.

 665    48.500  -122.200    10.0000  O  B  SEDRO              WA  FM  S                           005      T    US  83 5
  from UWASH [UNPUB.] 1981                                                                                        UWASH  M 005
  WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN
    SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383

 670    46.340  -122.210     4.3000  O  A  ST. HELENS         WA  FM  S   M4                      041      SS   US  80 6
  800528  M 4.1                                                                                                   UWASH  M 041 20
  WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN          144 76
    SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383                                   133 08

 673    46.350  -122.240     6.7000  O  A  ELK LAKE           WA  FM  S   M5                      220      SS   US  81 6
  810214  M 5.5                                                                                                   UWASH  L 220 10
  WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN          045 81
    SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383                                   130 02

 669    46.470  -122.300    22.4000  O  A  ST. HELENS         WA  FM  S   M3                      215      SS   US  79 6
  790707  M 3.5                                                                                                   UWASH  M 215 07
  WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN          340 05
    SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383                                   133 08

 820    47.650  -122.310    18.0000  O  B  SEATTLE NETWORK    WA  IS  GS                          069  07  -    US  85 2
  GEODETIC STRAIN 1972-1985                                                                                       USGS   E
  LISOWSKI, M. AND J.C. SAVAGE; GEODETIC STRAIN IN NORTHWESTERN WASHINGTON (in press 1985)

 667    46.680  -122.360     9.5000  O  A  ST. HELENS         WA  FM  S   M3                      212      SS   US  76 6
  761014  M 3.6                                                                                                   UWASH  M 212 07
  WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN          356 82
    SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383                                   122 08

 896    47.450  -122.380    25.8000  O  C  PUGET SOUND        WA  FM  A   M1                      013      SS   US  72 6
  GROUP C (11 EARTHQUAKES) ; M 1.8 ; ESTIMATED AZP                                                                UW     M 013
  CROSSON, R.S., 1972, SMALL EARTHQUAKES, STRUCTURE, AND TECTONICS OF THE PUGET SOUND REGION,                          162 78
    BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.62, NO.5, pp.1133-11721                                     285 33

 668    46.450  -122.400    17.0000  O  A  ST. HELENS         WA  FM  S   M4                      204      SS   US  79 6
  790311  M 3.9                                                                                                   UWASH  M 204 0
  WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN          000 90
    SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383                                   114 00

1137    45.650  -122.650    15.0000  O  C  PORTLAND           WA  FM  S   M5                     -120      N/SS US  62 5
  620926  M5, NEED ORIGINAL REFERENCE: GALLAGHER (1969) PhD THESIS, OREGON STATE U.                                  -    M 030
  ROGERS, G.C., 1979.  JUAN DE FUCA PLATE MAP:JFP-6, FAULT PLANE SOLUTIONS; EARTH PHYSICS BRANCH OPEN FILE NO. 80-4.
                                                                                                                        120
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P      Q      V      AZP

 677    47.480  -122.670    24.0000  O  A  BREMERTON            WA  FM  S   M4                        032      SS   US  78 6
  780311  M 4.6                                                                                          USGS   M 032 14
  YELIN, T.S., AND R.S. CROSSON, 1982.  A NOTE ON THE SOUTH PUGET SOUND BASIN MAGNITUDE 4.6 EARTHQUAKE OF 11 MARCH 1978   146 70
    AND ITS AFTERSHOCKS; BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.72, no.3, JUNE 1982.  PP. 1033-1038.      299 39

 200    58.090  -122.670     2.4660  O  A  N.W. B.C.           BC  IS  BO                        062   5  -     CN  81 1
  WELL #     b-14-G-94-J-2                                                                                B.P.   M
  GOUGH, D.I. AND BELL, J.S., 1981. STRESS ORIENTATIONS FROM OIL-WELL FRACTURES IN ALBERTA AND TEXAS; CANADIAN
    JOURNAL OF EARTH SCIENCES, VOL. 18, NO. 3, 1981, PP.638-645

 666    48.200  -122.800    10.0000  O  B  OAK HARBOR          WA  FM  S                         003      SS   US  83 5
  from UWASH [UNPUB.] 1981                                                                               UWASH  M 003
  WEAVER, C. AND SMITH, S.,1983, REGIONAL TECTONIC AND EARTHQUAKE HAZARD IMPLICATIONS OF A CRUSTAL FAULT ZONE IN
    SOUTHWESTERN WASHINGTON, JOURNAL OF GEOPHYSICAL RESEARCH, VOL.88, pp.10371-10383

 561    48.800  -123.340    62.0000  O  A  PENDER ISLAND       BC  FM  S   M5                       -059      N    CN  76 5
  760516     MB  5.1                                                                                     PGC    M      30
  ROGERS, G.C., 1981. SOME COMMENTS ON THE SEISMICITY OF THE NORTHERN PUGET SOUND - SOUTHERN VANCOUVER ISLAND AREA;
    EARTHQUAKE HAZARDS OF THE PUGET SOUND REGION, WASHINGTON STATE, USGS OPEN FILE REPORT, MENLO PARK, CA, 1981          059

 566    49.200  -123.600     5.0000  O  B  STRAIT OF GEORGIA   BC  FM  S   M4                        351      T    CN  75 5
  751130  Ml 4.9  DEPTH "SHALLOW"                                                                         PGC    M 351 05
  ROGERS, G.C., 1979. EARTHQUAKE FAULT PLANE SOLUTIONS NEAR VANCOUVER ISLAND; CANADIAN JOURNAL OF EARTH SCIENCES,        260 06
    VOL. 16, NO. 3 (PART 1), 1979, PP.523-531                                                                          117 82

 821    47.720  -123.610    18.0000  O  C  OLYMPIC MTNS        WA  IS  GS                        038  13  -     US  85 2
  GEODETIC STRAIN 1982-1983                                                                              USGS   E
  LISOWSKI, M. AND J.C. SAVAGE; GEODETIC STRAIN IN NORTHWESTERN WASHINGTON (in press 1985)

 815    44.880  -123.740    20.0000  O  C  W of SALEM          OR  FM  S   M5                        360      SS   US  63 5
  630307  M5.4                                                                                            -      L 000
  BOLT, B.A., C. LOMNITZ AND T.V. McEVILLY, 1968.  SEISMOLOGICAL EVIDENCE ON THE TECTONICS OF CENTRAL AND NORTHERN
    CALIFORNIA AND THE MENDOCINO ESCARPMENT; BSSA 58(6) DEC/68, pp. 1725-1767.

1118    62.330  -123.790    14.7000  O  B  NAHANNI             YK  FM  M   M7                        258      T    CN  85 5
  851223  Ms = 6.9                                                                                        HARVD  L 258 00
  DZIEWONSKI, A.M., FRANZEN. J.E. AND WOODHOUSE, J.H., 1986.  CENTROID-MOMENT TENSOR SOLUTIONS FOR OCTOBER-DECEMBER 1985  168 06
    PHYSICS OF THE EARTH AND PLANETARY INTERIORS, VOL. 43, P. 185-195.                                                349 84

 819    48.290  -123.810    18.0000  O  A  JUAN DE FUCA STRAIT  OF  IS  GS                        077  29  -     CN  85 2
  GEODETIC STRAIN 1892-1954                                                                              USGS   E
  LISOWSKI, M. AND J.C. SAVAGE; GEODETIC STRAIN IN NORTHWESTERN WASHINGTON (in press 1985)

 351    60.400  -123.820     1.0000  O  B  N.W. NORTHWEST T.    NT  IS  BO                        157      -    CN  83 1
  WELL =     AMOCO POINTED MOUNTAIN P-24                                                                  U OF A M
  GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
    NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

 347    60.430  -123.880     1.0000  O  B  N.W. NORTHWEST T.    NT  IS  BO                        072      -    CN  83 1
  WELL =     AMOCO POINTED MOUNTAIN O-46                                                                  U OF A M
  GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
    NATURE, VOL. 305, OCTOBER 1983,pp.619-621.
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

 346    60.400  -123.910     1.0000  O  B  N.W. NORTHWEST T.    NT  IS  BO                                065      -     CN  83 1
   WELL =     AMOCO POINTED MOUNTAIN A-55                                                                   U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

1117    62.530  -123.930    10.0000  O  B  NAHANNI           YK  FM  M   M6                                251      T     CN  85 5
   851005  Ms = 6.6                                                                                        HARVD  L 251 08
   DZIEWONSKI, A.M., FRANZEN. J.E. AND WOODHOUSE, J.H., 1986.  CENTROID-MOMENT TENSOR SOLUTIONS FOR OCTOBER-DECEMBER 1985  341 05
     PHYSICS OF THE EARTH AND PLANETARY INTERIORS, VOL. 43, P. 185-195.                                                  106 81

 913    51.000  -124.100     0.0000  P  E  SOUTHGATE RIVER    BC  FM  S   M4                                045      SS/T CN  78 5
   681101  Mb 4.5 ; SUPERCEEDED BY SEQ 565                                                                  PGC    L 045
   ROGERS, G.C., 1980, FAULT PLANE SOLUTIONS - JUAN DE FUCA PLATE MAP - JFP-6
     EARTH PHYSICS BRANCH, OPEN FILE NO. 80-4.

 348    60.120  -124.100     1.0000  O  B  N.W. NORTHWEST T.    NT  IS  BO                                054      -     CN  83 1
   WELL =     COLUMBIA KOTANEELEE H-38                                                                      U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

 565    51.000  -124.100    18.0000  O  B  SOUTHGATE RIVER    BC  FM  S   M4                                348      T     CN  68 5
   681101  Mb 4.5  ISC DEPTH = O Km                                                                         PGC    M 348 16
   ROGERS, G.C., 1979. EARTHQUAKE FAULT PLANE SOLUTIONS NEAR VANCOUVER ISLAND; CANADIAN JOURNAL OF EARTH SCIENCES,  081 09
     VOL. 16, NO. 3 (PART 1), 1979, PP.523-531                                                                   199 72

1104    62.600  -124.650    15.0000  O  A  NAHANNI           NT  FM  M   M4                                254      T     CN  86 5
   860101  Mb = 4.7                                                                                         HARVD  M 254 12
   DZIEWONSKI, A.M., EKSTROM, G., FRANZEN, J.E. AND WOODHOUSE, J.H., 1987.  CENTROID-MOMENT TENSOR SOLUTIONS FOR JANUARY  162 11
     -MARCH, 1986; PHYSICS OF THE EARTH AND PLANETARY INTERIORS, VOL. 45, P. 1-10.                                    030 74

1156    45.830  -124.990     1.0000  O  A  OREGON SHELF       OF  GL  FD  CT                                079      T     US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                       USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

1157    45.550  -125.210     1.0000  O  A  OREGON SHELF       OF  GL  FD  CT                                090      T     US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                       USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

 567    49.760  -125.340    30.0000  O  A  VANCOUVER ISLAND   BC  FM  S   M7                                183      SS    CN  46 5
   460623  M 7.3                                                                                             PGC    L 183 12
   ROGERS, G.C. AND HASEGAWA, H.S., 1978. A SECOND LOOK AT THE BRITISH COLUMBIA EARTHQUAKE OF JUNE 23, 1946; BULLETIN  025 78
     OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 68, NO. 3, JUNE, 1978, PP.653-675                             274 05

1158    45.680  -125.360     1.0000  O  A  OREGON SHELF       OF  GL  FD  CT                                089      T     US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                       USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

1159    46.070  -125.400     1.0000  O  A  OREGON SHELF       OF  GL  FD  CT                                083      T     US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                       USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.
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SEQ     LAT       LON       DEPTH     N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

1160    46.360  -125.440     1.0000  O  A  WASHINGTON SHELF       OF  GL  FD  CT                          055      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                      USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

 342    64.410  -125.450     1.0000  O  B  N.W. NORTHWEST T.   NT  IS  BO                          138      -    CN  83 1
   WELL =     CANDEL AT AL. TATE J-65                                                                      U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

1162    46.750  -125.540     1.0000  O  A  WASHINGTON SHELF       OF  GL  FD  CT                          090      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                      USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

 343    64.150  -125.580     1.0000  O  B  N.W. NORTHWEST T.   NT  IS  BO                          124      -    CN  83 1
   WELL =     AMOCO ET AL. RED DOG K-29                                                                    U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

1166    47.360  -125.590     1.0000  O  A  WASHINGTON SHELF       OF  GL  FD  CT                          061      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                      USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

1164    47.070  -125.640     1.0000  O  A  WASHINGTON SHELF       OF  GL  FD  CT                          085      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                      USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

1161    46.520  -125.750     1.0000  O  A  WASHINGTON SHELF       OF  GL  FD  CT                          077      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                      USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

1167    47.420  -125.840     1.0000  O  A  WASHINGTON SHELF       OF  GL  FD  CT                          068      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                      USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

1163    47.010  -125.880     1.0000  O  A  WASHINGTON SHELF       OF  GL  FD  CT                          075      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                      USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

 822    49.870  -125.980    18.0000  O  A  GOLD RIVER          BC  IS  GS                          056  12  -    CN  85 2
   GEODETIC STRAIN 1947-1982                                                                                USGS   E
   LISOWSKI, M. AND J.C. SAVAGE; GEODETIC STRAIN IN NORTHWESTERN WASHINGTON (in press 1985)

 564    49.300  -126.000    18.0000  O  B  TOFINO              BC  FM  S   M5                          217      SS/T CN  75 5
   750331  ML 5.4                                                                                           PGC    M 217 23
   ROGERS, G.C., 1979. EARTHQUAKE FAULT PLANE SOLUTIONS NEAR VANCOUVER ISLAND; CANADIAN JOURNAL OF EARTH SCIENCES,      334 47
     VOL. 16, NO. 3 (PART 1), 1979, PP.523-531                                                                        110 34
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

1165    47.210  -126.000     1.0000  O  A  WASHINGTON SHELF      OF  GL  FD  CT                          072      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                     USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

1136    45.100  -126.150    15.0000  O  C  JUAN DE FUCA PLATE    OF  FM  S   M5                         -060     N/SS US  73 5
   730616  M5, REFERENCE COUCH AND WOODCOCK (1975) AGU TRANS., 381 DOES NOT EXIST.                          -     M 330
   ROGERS, G.C., 1979.  JUAN DE FUCA PLATE MAP:JFP-6, FAULT PLANE SOLUTIONS; EARTH PHYSICS BRANCH OPEN FILE NO. 80-4.
                                                                                                                  060

1168    47.510  -126.190     1.0000  O  A  WASHINGTON SHELF      OF  GL  FD  CT                          070      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                     USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

1170    48.250  -126.230     1.0000  O  C  WASHINGTON SHELF      OF  GL  FD  CT                          061      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                     USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

1169    47.840  -126.240     1.0000  O  A  WASHINGTON SHELF      OF  GL  FD  CT                          063      T    US  85 6
   MEAN COMPRESSION AXIS FOR GROUP OF FOLDS MAPPED BY GLORIA SIDESCAN.                                     USGS   E
   U.S. GEOLOGICAL SURVEY, 1985, ATLAS OF THE EXCLUSIVE ECONOMIC ZONE, WESTERN CONTERMINOUS UNITED STATES. MISCELLANEOUS
   INVESTIGATION SERIES I-1972.

1108    49.470  -126.240    15.0000  O  C  MUCHALAT INLET        BC  FM  S   M7                         217      SS   CN  18 5
   181206  Ms = 6.9, LIMITED DATA, PLAUSIBLE MECHANISM.                                                     UBC    E 217 23
   CASSIDY, J.F., 1986.  THE 1918 AND 1957 VANCOUVER ISLAND EARTHQUAKES; MSC THESIS, UNIVERSITY OF BRITISH COLUMBIA  334 46
                                                                                                                  110 34

 562    49.800  -126.500     5.0000  P  B  GOLD RIVER            BC  FM  S   M6                         021      SS/T CN  57 5
   571216  M 6.0   DEPTH ARBITRARY "SHALLOW"                                                               PGC    L 021 03
   ROGERS, G.C., 1979. EARTHQUAKE FAULT PLANE SOLUTIONS NEAR VANCOUVER ISLAND; CANADIAN JOURNAL OF EARTH SCIENCES,  283 70
     VOL. 16, NO. 3 (PART 1), 1979, PP.523-531                                                                    112 20

 350    65.270  -126.880     1.0000  O  B  N.W. NORTHWEST T.     NT  IS  BO                          041      -    CN  83 1
   WELL =     ESSO MACKENZIE RIVER NO. 3                                                                   U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

 349    65.270  -126.910     1.0000  O  B  N.W. NORTHWEST T.     NT  IS  BO                          034      -    CN  83 1
   WELL =     ESSO MACKENZIE RIVER NO. 2                                                                   U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

1106    49.650  -127.020    30.0000  S  A  NOOTKA I.             BC  FM  S   M6                         203      SS   CN  57 5
   571216  Ms = 5.9; SURFACE WAVE SOL'N PREFERRED TO P-NODAL, SEQ #1106 REPLACES SEQ #562.                  UBC    L 203 18
   CASSIDY, J.F., 1986.  THE 1918 AND 1957 VANCOUVER ISLAND EARTHQUAKES; MSC THESIS, UNIVERSITY OF BRITISH COLUMBIA  332 62
                                                                                                                  106 21

1139    49.650  -127.020    30.0000  A  A  NOOTKA I.             BC  FM  A   M6                         023  1   SS   CN  57 5
   AVERAGE OF P AXIS FOR P AND S WAVE FOCAL MECHANISMS.                                                    UBC    L
   CASSIDY, J.F., 1986.  THE 1918 AND 1957 VANCOUVER ISLAND EARTHQUAKES; MSC THESIS, UNIVERSITY OF BRITISH COLUMBIA.
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

1107    49.650  -127.020    30.0000  S  A  NOOTKA I.            BC  FM  S   M6                          024      SS    CN  57 5
  571216  Ms=5.9, P-NODAL SOLUTION: SEQ #1106 PREFERRED.  DEPTH 25-40 KM.                                UBC     L 024 00
  CASSIDY, J.F., 1986.  THE 1918 AND 1957 VANCOUVER ISLAND EARTHQUAKES; MSC THESIS, UNIVERSITY OF BRITISH COLUMBIA   287 70
                                                                                                                    112 29

 910    49.500  -127.200    27.0000  P  C  NOOTKA SOUND         OF  FM  S   M5                          221      T/SS CN  72 5
  720705  Mb 5.8 ; SUPERCEEDED BY SEQ 563                                                                UWO     L 221 52
  CHANDRA, C., 1974, SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST                 005 33
    OF NORTH AMERICA, FROM 42N TO 61N ; BULL. OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.64, pp. 1529 - 1549.  107 18

 563    49.500  -127.200    25.0000  O  A  VANCOUVER SHELF      OW  FM  S   M5                          200      SS/T CN  72 5
  720705  MB 5.7                                                                                          PGC     M 200 11
  ROGERS, G.C., 1979. EARTHQUAKE FAULT PLANE SOLUTIONS NEAR VANCOUVER ISLAND; CANADIAN JOURNAL OF EARTH SCIENCES,  328 73
    VOL. 16, NO. 3 (PART 1), 1979, PP.523-531                                                                   108 13

 807    49.040  -127.860    10.0000  O  C  W. VANCOUVER IS.     OF  FM  S   M5                          349      SS    CN  76 6
  760606  mb 5.2  Ms 5.3                                                                                   EPB     L 349 01
  WETMILLER, R.J. AND HORNER, R.B., 1978.  CANADIAN EARTHQUAKES - 1976.                                       179 88
    SEISMOLOGICAL SERIES OF THE EARTH PHYSICS BRANCH, No. 79, 75p.                                            259 00

 808    49.020  -128.070    10.0000  O  C  W. VANCOUVER IS.     OF  FM  S   M6                          223      SS/T CN  76 6
  761220  Ms 6.7                                                                                          EPB     L 223 03
  WETMILLER, R.J. AND HORNER, R.B., 1978.  CANADIAN EARTHQUAKES - 1976.                                       319 63
    SEISMOLOGICAL SERIES OF THE EARTH PHYSICS BRANCH, No. 79, 75p.                                            131 27

 344    65.870  -129.180     1.0000  O  B  N.W. NORTHWEST T.    NT  IS  BO                              017      -     CN  83 1
  WELL =     ARCO HUME RIVER D-53                                                                              U OF A M
  GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
    NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

 911    50.090  -129.310    33.0000  O  A  W. VANCOUVER IS.     OF  FM  S   M6                          017      SS    CN  74 5
  720723  Mb 5.9                                                                                          UWO     L 017 12
  CHANDRA, C., 1974, SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST                 251 70
    OF NORTH AMERICA, FROM 42N TO 61N ; BULL. OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.64, pp. 1529 - 1549.  110 16

1022    70.782  -129.357     2.0500  O  B  BEAUFORT SEA         OF  IS  BO                              043  16          CN  86 4
  KILANNAK A-77; 11 BREAKOUTS TOTALING 81.6m                                                                AGC     M
  BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 912    49.580  -129.500     5.0000  O  B  W. VANCOUVER IS.     OF  FM  S   M5                          028      SS/T CN  74 5
  711205  Mb 5.6                                                                                          UWO     L 028 04
  CHANDRA, C., 1974, SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST                 290 64
    OF NORTH AMERICA, FROM 42N TO 61N ; BULL. OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.64, pp. 1529 - 1549.  120 26

 832    50.620  -129.930    33.0000  O  B  Q. CHARLOTTE SOUND   OF  FM  S   M5                          038      SS    CN  71 5
  710313  mb 5.7                                                                                          UWONT   L 038 06
  CHANDRA, UMESH, 1974.  SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST OF NORTH AMERICA,  282 76
    FORM 42N TO 61N; BULL. SEISM. SOC. AM. 64, 1529-1549.                                                     129 12

 803    50.830  -130.050     0.0000  P  B  Q. CHARLOTTE STRAIT  OF  FM  S   M5                          030      SS    CN  64 5
  640331 M5.7                                                                                              LAMONT  L 030 00
  TOBIN, D.G., AND L.R. SYKES, 1968.  SEISMICITY AND TECTONICS OF THE NORTHEASTERN PACIFIC OCEAN;
    J. GEOPHYS. RES. 73(12)
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

909     50.790  -130.170    15.0000  O  B  Q. CHARLOTTE SOUND    OF  FM  S   M5                          227      SS    CN  74 5
  640331    Mb 5.6 ; SEE SEQ# 803 TOBIN AND SYKES                                                          UWO     L 227 01
  CHANDRA, U., 1974, SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST OF NORTH AMERICA          320 79
    FROM 42 N TO 61 N.  BULL. OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.64 , NO.5, pp 1529-1549                   136 11

853     49.120  -130.260    10.5000  O  A  W. VANCOUVER IS.      OF  FM  S   M6                          360      SS    CN  78 5
  780611  Ms 6.2                                                                                            HARVRD L 000 00
  EKSTROM, G. AND A.M. DZIEWONSKI, 1985.  CENTROID-MOMENT TENSOR SOLUTIONS FOR 35 EARTHQUAKES IN WESTERN NORTH AMERICA  000 90
    (1977-1983); BULL. SEISM. SOC. AM. vol.75, no.1, pp. 23-39, FEB/85.                                            090 00

829     50.990  -130.320     7.0000  O  C  CAPE SCOTT            OF  FM  S   M6                          286      SS/N  CN  48 5
  481230 M6.0 (ALSO HODGSON & STOREY 1954; BSSA(44) 57-83)                                                      EPB     L 286 56
  WICKENS, A.J. AND J.H. HODGSON, 1967.  COMPUTER RE-EVALUATION OF EARTHQUAKE MAECHANISM SOLUTIONS, 1922-1962;          071 29
    PUB. OF THE DOMINION OBSERVATORY, vol. 33.                                                                     170 17

855     49.440  -130.320    10.1000  O  A  W. VANCOUVER IS.      OF  FM  S   M5                          360      SS    CN  79 5
  790313  Ms 5.4                                                                                            HARVRD L 000 00
  EKSTROM, G. AND A.M. DZIEWONSKI, 1985.  CENTROID-MOMENT TENSOR SOLUTIONS FOR 35 EARTHQUAKES IN WESTERN NORTH AMERICA  000 90
    (1977-1983); BULL. SEISM. SOC. AM. vol.75, no.1, pp. 23-39, FEB/85.                                            090 00

939     50.020  -130.400    10.0000  O  B  W. OF VANCOUVER IS.   OF  FM  M   M5                          006      SS    CN  84 5
  840812   Mb 5.2                                                                                             HARVD   L 006 10
  DZIEWONSKI, A.M., FRANZEN, J.E., AND WOODHOUSE, J.H., 1985.  CENTROID-MOMENT TENSOR SOLUTIONS                     228 76
    FOR JULY-SEPTEMBER, 1984.  PHYS. EARTH PLANETARY INTER. , VOL.38 , pp 203-213                                 098 09

854     49.760  -130.420    10.1000  O  A  W. VANCOUVER IS.      OF  FM  S   M5                          015      SS    CN  79 5
  790313  Ms 5.2                                                                                            HARVRD L 015 00
  EKSTROM, G. AND A.M. DZIEWONSKI, 1985.  CENTROID-MOMENT TENSOR SOLUTIONS FOR 35 EARTHQUAKES IN WESTERN NORTH AMERICA  000 90
    (1977-1983); BULL. SEISM. SOC. AM. vol.75, no.1, pp. 23-39, FEB/85.                                            103 00

856     49.380  -130.470    11.2000  O  A  W. VANCOUVER I.       OF  FM  S   M7                          012      SS    CN  80 5
  801217  Ms 6.8                                                                                            HARVRD E 012 00
  EKSTROM, G. AND A.M. DZIEWONSKI, 1985.  CENTROID-MOMENT TENSOR SOLUTIONS FOR 35 EARTHQUAKES IN WESTERN NORTH AMERICA  000 90
    (1977-1983); BULL. SEISM. SOC. AM. vol.75, no.1, pp. 23-39, FEB/85.                                            101 00

810     50.500  -130.500    16.0000  P  C  Q. CHARLOTTE SOUND    OF  FM  S   M6                          231      SS    CN  76 6
  760223  Ms 6.0; PRELIMINARY OF SEQ 811                                                                     EPB     L 231 01
  WETMILLER, R.J. AND HORNER, R.B., 1978.  CANADIAN EARTHQUAKES - 1976.                                              323 48
    SEISMOLOGICAL SERIES OF THE EARTH PHYSICS BRANCH, No. 79, 75p.                                                 140 42

811     50.500  -130.500    16.0000  O  B  Q. CHARLOTTE SOUND    OF  FM  S   M6                          016      SS    CN  76 5
  760223  Ms 6.0                                                                                            EPB     L 016 11
  ROGERS, G.C., 1983.  SEISMOTECTONICS OF BRITISH COLUMBIA;                                                          143 72
    PhD THESIS; UBC DEPT. OF GEOPHYSICS AND ASTRONOMY, JAN. 1983                                                   286 15

930     50.330  -130.690    10.1000  P  A  W.VAVCOUVER IS.       OF  FM  M   M5                          013      SS    CN  82 5
  820515   Ms 5.8  SUPERCEDED BY SEQ# 857                                                                     HARVD   L 013 00
  DZIEWONSKI, A.M., FRIEDMAN, A., GIARDINI, D., AND WOODHOUSE, J.H., 1983.  GLOBAL SEISMICITY OF 1982:               225 ?
    CENTROID-MOMENT TENSOR SOLUTIONS FOR 308 EARTHQUAKES.  PHYS. EARTH PLANETARY INTER. ,  VOL.33 , pp 76-90.        103 00

857     50.330  -130.690    10.1000  O  A  W. VANCOUVER IS.      OF  FM  S   M6                          015      SS    CN  82 5
  820515  Ms 5.8 ,  SUPERCEDES SEQ# 930                                                                     HARVRD L 015 00
  EKSTROM, G. AND A.M. DZIEWONSKI, 1985.  CENTROID-MOMENT TENSOR SOLUTIONS FOR 35 EARTHQUAKES IN WESTERN NORTH AMERICA  000 90
    (1977-1983); BULL. SEISM. SOC. AM. vol.75, no.1, pp. 23-39, FEB/85.                                            108 00
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

1109    51.810  -130.820    22.0000  O  A  QUEEN CHARLOTTE IS.   OF  FM  S   M7                          200      SS    CN  83 5
  700624  Ms = 7.0; Z (FROM pP), P, T FROM ROGERS PERS. COMM.                                                UBC    E 200 17
  ROGERS, GARY COLIN, 1983.  SEISMOTECTONICS OF BRITISH COLUMBIA, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA.                 090 47
                                                                                                                            304 36

 831    51.760  -131.000    12.0000  O  C  Q. CHARLOTTE SOUND    OF  FM  S   M5                          209      SS    CN  70 5
  700624  13:09:08  mb 5.6                                                                                   UWONT  L 209 29
  CHANDRA, UMESH, 1974.  SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST OF NORTH AMERICA,          096 35
    FORM 42N TO 61N; BULL. SEISM. SOC. AM. 64, 1529-1549.                                                                   328 41

1026    69.590  -131.048     0.6500  O  A  MACKENZIE DELTA       NT  IS  BO                              043  4          CN  86 4
  AMAGUK H-16; 1 BREAKOUT TOTALING 64.6m                                                                   AGC    M
  BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 937    51.130  -131.090    10.0000  O  A  QUEEN CHARLOTTE IS.   OF  FM  M   M6                          024      SS    CN  84 5
  840624   Mb 5.8                                                                                           HARVD  L 024 13
  DZIEWONSKI, A.M., FRANZEN, J.E., AND WOODHOUSE, J.H., 1985.  CENTROID-MOMEMT TENSOR SOLUTIONS FOR              212 77
    APRIL-JUNE, 1984.  PHYS. EARTH PLANETARY INTER., VOL.37 , pp 87-96.                                          115 02

 830    51.900  -131.100    33.0000  O  C  Q. CHARLOTTE SOUND    OF  FM  S   M5                          230      SS/T  CN  70 5
  700624  13:17:01  mb 5.5                                                                                   UWONT  L 230 15
  CHANDRA, UMESH, 1974.  SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST OF NORTH AMERICA,          121 52
    FORM 42N TO 61N; BULL. SEISM. SOC. AM. 64, 1529-1549.                                                                   330 34

1019    69.477  -131.338     1.6200  O  A  MACKENZIE DELTA       NT  IS  BO                              034  7          CN  86 4
  KILIGVAK I-29; 5 BREAKOUTS TOTALING 25.6m                                                                AGC    M
  BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1025    69.709  -131.612     1.1800  O  A  MACKENZIE DELTA       NT  IS  BO                              028  4          CN  86 4
  NATAGNAK K-23; 23 BREAKOUTS TOTALING 89.85m                                                              AGC    M
  BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 794    52.390  -131.670    15.0000  O  A  MORESBY IS.           BC  FM  C   M-                          021      T     CN  83 5
  COMPOSITE OF 7 EQ'S                                                                                      UBC    L 021
  BERUBE, JOANE, 1985; A SEISMICITY STUDY OF THE QUEEN CHARLOTTE ISLANDS/HECTATE STRAIT REGION,
    MSc THESIS, UBC DEPT. OF GEOPHYSICS AND ASTRONOMY, JUNE 1985.

 338    65.520  -131.820     1.0000  O  B  N.W. NORTHWEST T.     NT  IS  BO                              016      -     CN  83 1
  WELL =     AMOCO CRANSWICK A-22                                                                                U OF A M
  GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
    NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

 793    52.510  -131.890    17.0000  O  C  MORESBY IS.           BC  FM  C   M-                          085      T     CN  83 5
  COMPOSITE OF 6 EQ'S                                                                                      UBC    L 085
  BERUBE, JOANE, 1985; A SEISMICITY STUDY OF THE QUEEN CHARLOTTE ISLANDS/HECTATE STRAIT REGION,
    MSc THESIS, UBC DEPT. OF GEOPHYSICS AND ASTRONOMY, JUNE 1985.

 790    53.840  -132.090     6.0000  O  A  GRAHAM IS.            BC  FM  C   M-                          017      T     CN  83 6
  17 EQ'S EAST OF Q. CHARLOTTE TRANSFORM                                                                   UBC    L 017
  BERUBE, JOANE, 1985; A SEISMICITY STUDY OF THE QUEEN CHARLOTTE ISLANDS/HECTATE STRAIT REGION,                283 08
    MSc THESIS, UBC DEPT. OF GEOPHYSICS AND ASTRONOMY, JUNE 1985.                                                110 77
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 568    72.050  -132.260    40.0000  O  A  BEAUFORT SEA          OF  FM  S   M5                          359      SS/N CN  75 5
   750614  Mb  5.1  P-AXIS = 179                                                                            EPB    M 359 34
   HASEGAWA, H.S., CHOU, C.W., AND BASHAM, P.W., 1979. SEISMOTECTONICS OF THE BEAUFORT SEA; CANADIAN JOURNAL OF EARTH      160 54
     SCIENCE, VOL. 16, 1979, PP.816-830                                                                                263 09

 792    52.830  -132.430    12.0000  O  A  MORESBY IS.          BC  FM  C   M-                          037       T    CN  83 5
   AN ASSOCIATED MECHANISM, HAS UNDEFINED P AXIS                                                              UBC    L 037
   BERUBE, JOANE, 1985; A SEISMICITY STUDY OF THE QUEEN CHARLOTTE ISLANDS/HECTATE STRAIT REGION,
     MSc THESIS, UBC DEPT. OF GEOPHYSICS AND ASTRONOMY, JUNE 1985.

 341    66.080  -132.450     1.0000  O  B  N.W. NORTHWEST T.    NT  IS  BO                              174       -    CN  83 1
   WELL =     INEXCO WELDON CREEK O-65                                                                        U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

1032    70.151  -132.730     3.1200  O  B  BEAUFORT SEA         OF  IS  BO                              028  13        CN  86 4
   UKALERK 2C-50; 16 BREAKOUTS TOTALING 564.06m                                                              AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1029    69.388  -132.743     1.7300  O  B  MACKENZIE DELTA      NT  IS  BO                              030  13        CN  86 4
   PIKIOLIKK E-54; 22 BREAKOUTS TOTALING 155.13m                                                             AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1042    69.445  -132.803     1.8500  O  C  MACKENZIE DELTA      NT  IS  BO                              070  22        CN  86 4
   MAYUGIAK J-17; 8 BREAKOUTS TOTALING 564.47m                                                               AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1052    69.315  -132.805     1.7500  O  B  MACKENZIE DELTA      NT  IS  BO                              066  16        CN  86 4
   TUKTU O-19; 7 BREAKOUTS TOTALING 361.5m                                                                   AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1055    69.883  -132.839     1.8500  O  B  BEAUFORT SEA         OF  IS  BO                              036  14        CN  86 4
   ALERK P-23; 13 BREAKOUTS TOTALING 203.6m                                                                  AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1110    53.650  -133.290    20.0000  O  A  QUEEN CHAROLOTTE IS. OF  FM  S   M8                          013      SS    CN  83 5
   490822 MS=8.1; Z,T,P FROM ROGERS PERS COMM; SEE HODGSON & MILNE 51 FOR ORIGINAL RESULTS                    UBC    E 013 2
   ROGERS, GARY COLIN, 1983.  SEISMOTECTONICS OF BRITISH COLUMBIA, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA.  107 86
                                                                                                             283 13

1010    69.200  -133.362     1.9000  O  B  MACKENZIE DELTA      NT  IS  BO                              034  17        CN  86 4
   WAGNARX C-23; 18 BREAKOUTS IN 764.68m                                                                     AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1046    70.464  -133.496     3.7400  O  B  BEAUFORT SEA         OF  IS  BO                              058  15        CN  86 4
   NERLERK M-98; 18 BREAKOUTS TOTALING 986.2m                                                                AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

 938    53.920  -133.630    10.2000  O  A  QUEEN CHARLOTTE IS.   OF  FM  M   M5                          194      SS   CN  84 5
   840830   Mb 5.5                                                                                          HARVD  L 194 06
   DZIEWONSKI, A.M., FRANZEN, J.E., AND WOODHOUSE, J.H., 1985.  CENTROID-MOMENT TENSOR SOLUTIONS                     089 68
     FOR JULY-SEPTEMBER, 1984.  PHYS. EARTH PLANETARY INTER. , VOL.38 , pp 203-213                                286 21

 791    54.100  -133.700     5.0000  O  A  CAPE KNOX           BC  FM  C   M-                          007      SS   CN  83 5
   COMPOSITE OF 29 EQ'S                                                                                      UBC    L 007 00
   BERUBE, JOANE, 1985; A SEISMICITY STUDY OF THE QUEEN CHARLOTTE ISLANDS/HECTATE STRAIT REGION,
     MSc THESIS, UBC DEPT. OF GEOPHYSICS AND ASTRONOMY, JUNE 1985.

1024    68.762  -133.767     1.4100  O  B  MACKENZIE DELTA     NT  IS  BO                          078  11          CN  86 4
   OGEOOEOO J-06; 12 BREAKOUTS TOTALING 278.0m                                                               AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1033    68.888  -133.768     2.0700  O  B  MACKENZIE DELTA     NT  IS  BO                          044  12          CN  86 4
   E. REINDEER G-04; 61 BREAKOUTS TOTALING 564.7m                                                            AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1039    69.829  -133.873     3.7000  O  A  BEAUFORT SEA        OF  IS  BO                          055  9           CN  86 4
   ARNAK L-30; 3 BREAKOUTS TOTALING 393.18m                                                                  AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 336    66.150  -133.970     1.0000  O  B  N.W. NORTHWEST T.   NT  IS  BO                          169      -       CN  83 1
   WELL =     SHELL PEEL RIVER M-69                                                                            U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

1018    70.730  -133.974     3.1400  O  A  BEAUFORT SEA        OF  IS  BO                          078  11          CN  86 4
   KENALOUAK J-94;7 BREAKOUTS TOTALING 101.0m                                                                AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 583    65.400  -134.000     8.0000  O  A  MACKENZIE MTS.      YK  FM  S   M5                          336      T/SS CN  65 6
   65/10/05  M5.2                                                                                            LDGO   L 336 01
   SYKES, L.R. AND SBAR, M.L., 1974. FOCAL MECHANISM SOLUTIONS OF INTRAPLATE EARTHQUAKES AND STRESSES IN THE LITHO-        066 25
     SPHERE; KRISTJANSSON (ED) GEODYNAMICS OF ICELAND AND THE NORTH ATLANTIC AREA; D.REIDEL, DORDRECHT, PP. 207-224        250 63

1053    70.017  -134.313     2.9000  O  B  BEAUFORT SEA        OF  IS  BO                          070  12          CN  86 4
   ISSUNGNAK 2-0-61; 18 BREAKOUTS TOTALING 878.1m                                                            AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1034    69.614  -134.321     2.6800  O  B  MACKENZIE DELTA     NT  IS  BO                          036  20          CN  86 4
   IVIK N-17; 15 BREAKOUTS TOTALING 82.27m                                                                   AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1041    69.939  -134.370     3.1000  O  A  MACKENZIE DELTA     NT  IS  BO                          043  4           CN  86 4
   ISSERK E-27; 11 BREAKOUTS TOTALING 62.4m                                                                  AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
1016	68.848	-134.414	2.9100	O	A	MACKENZIE DELTA	NT	IS	BO					066	11	AGC	CN M	86	4
OGRUKNANG M-31; 37 BREAKOUTS TOTALING 1234.40m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1020	68.989	-134.612	3.0100	O	B	MACKENZIE DELTA	NT	IS	BO					058	14	AGC	CN M	86	4
TUNUNUK F-30; 45 BREAKOUTS TOTALING 301.09m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
335	66.340	-134.730	1.0000	O	B	N.W. NORTHWEST T.	NT	IS	BO					174	-		CN U OF A M	83	1
WELL = MOBIL-GULF PEEL H-77																			
GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE. NATURE, VOL. 305, OCTOBER 1983,pp.619-621.																			
1007	68.833	-134.805	2.6100	O	B	MACKENZIE DELTA	NT	IS	BO					052	15	AGC	CN M	86	4
KIPNIK 0-20; 45 BREAKOUTS TOTALING 810.61m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1049	68.340	-134.897	1.0300	O	A	MACKENZIE DELTA	NT	IS	BO					069	12	AGC	CN M	86	4
NAPOIAK F-31; 47 BREAKOUTS TOTALING 369.56m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1013	69.357	-134.944	3.0700	O	A	MACKENZIE DELTA	NT	IS	BO					059	3	AGC	CN M	86	4
TAGLU C-42; 9 BREAKOUTS TOTALING 580.99m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1015	69.404	-134.993	2.9500	O	A	MACKENZIE DELTA	NT	IS	BO					070	7	AGC	CN M	86	4
TAGLU D-55; 5 BREAKOUTS TOTALING 268.83m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1054	69.260	-135.016	2.0400	O	A	BEAUFORT SEA	OF	IS	BO					066	8	AGC	CN M	86	4
KUMAK J-06; 7 BREAKOUTS TOTALING 212.73m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1012	69.259	-135.066	2.7400	O	A	MACKENZIE DELTA	NT	IS	BO					065	10	AGC	CN M	86	4
KUMAK K-16; 20 BREAKOUTS IN 368.76m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1045	69.092	-135.104	2.5500	O	B	MACKENZIE DELTA	NT	IS	BO					046	13	AGC	CN M	86	4
TITALIK K-26; 62 BREAKOUTS TOTALING 1354.33m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1037	68.271	-135.130	1.9600	O	A	MACKENZIE DELTA	NT	IS	BO					068	8	AGC	CN M	86	4
AKLAUIK A-37; 5 BREAKOUTS TOTALING 126.19m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP					
339	65.690	-135.130	1.0000	O	B	N. YUKON	YK	IS	BO					038		-	CN U	83 OF	1 A M
WELL = AMOCO CRANSWICK A-42																			
GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE. NATURE, VOL. 305, OCTOBER 1983,pp.619-621.																			
331	68.120	-135.150	1.0000	O	B	N.W. NORTHWEST T.	NT	IS	BO					062		-	CN U	83 OF	1 A M
WELL = UNION AKLAVIK F-38																			
GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE. NATURE, VOL. 305, OCTOBER 1983,pp.619-621.																			
1017	68.121	-135.153	1.5300	O	A	MACKENZIE DELTA	NT	IS	BO					068	8	AGC	CN M	86	4
AKLAVIK F-38; 23 BREAKOUTS TOTALING 302.36m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1014	68.844	-135.156	2.0200	O	B	MACKENZIE DELTA	NT	IS	BO					065	12	AGC	CN M	86	4
TULLUEAK K-31; 18 BREAKOUTS TOTALING 257.54m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1051	69.292	-135.249	1.2100	O	A	MACKENZIE DELTA	NT	IS	BO					068	5	AGC	CN M	86	4
KUMAK E-58; 7 BREAKOUTS TOTALING 42.65m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
72	66.410	-135.280	18.0000	O	B	NORTHEASTERN YUKON	YK	FM	S	M5				038		SS EPB	CN M	76 038	5 18
760219 MB 5.0																			
WESTMILLER, R.J., AND HORNER, R.B., 1978, CANADIAN EARTHQUAKES-1976. SEISMOLOGICAL SERIES OF THE EARTH PHYSICS BRANCH, NO.79, 75p.																		303	14
908	56.200	-135.290	20.0000	O	B	PORT ALEXANDER	OF	FM	S	M5				344		T UWO	US L	72 344 242 129	5 34 18 50
720804 Mb 5.5																			
CHANDRA, U., 1974, SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST OF NORTH AMERICA FROM 42 N TO 61 N. BULL. OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.64 , NO.5, pp 1529-1549																			
1036	68.881	-135.304	3.3500	O	B	MACKENZIE DELTA	NT	IS	BO					030	12	AGC	CN M	86	4
KUGPIK 0-13; 4 BREAKOUTS																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1023	68.669	-135.311	2.0800	O	B	MACKENZIE DELTA	NT	IS	BO					054	15	AGC	CN M	86	4
UNAK B-11; 23 BREAKOUTS TOTALING 404.07m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1027	69.402	-135.386	1.9100	O	B	MACKENZIE DELTA	NT	IS	BO					027	14	AGC	CN M	86	4
SARPIK B-35; 12 BREAKOUTS TOTALING 178.92m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			
1040	69.570	-135.391	2.0300	O	A	MACKENZIE DELTA	NT	IS	BO					070	8	AGC	CN M	86	4
PELLY B-35; 6 BREAKOUTS TOTALING 97.51m																			
BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)																			

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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY        PR  C1  C2  C3   P       Q       V       AZP

1008    69.353  -135.426     2.1100  O  B  MACKENZIE DELTA      NT  IS  BO                                057  14        CN  86 4
   UPLUNK A-42; 50 BREAKOUTS TOTALING 496.98m                                                                AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 332    68.370  -135.550     1.0000  O  B  N. YUKON            YK  IS  BO                                058       -    CN  83 1
   WELL =      SHELL BEAVERHOUSE CREEK 4-13                                                                U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

1009    68.371  -135.551     1.5800  O  C  MACKENZIE DELTA      NT  IS  BO                                042  20        CN  86 4
   BEAVER HOUSE CREEK H-13; 39 BREAKOUTS TOTALING 526.68m                                                    AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 770    56.310  -135.570    23.0000  O  A  PORT ALEXANDER       AK  FM  S   M5                            029      SS   US  72 5
   720815  M 5.4                                                                                            LDGO   L 029 00
   PEREZ, O.J., AND K.H. JACOB, 1980; TECTONIC MODEL AND SEISMIC POTENTIAL OF THE EASTERN GULF OF ALASKA AND YAKATAGA      -  90
     SEISMIC GAP; JOURNAL OF GEOPHYSICAL RESEARCH, vol. 85, no. B12, PP. 7132-7150, DEC. 10, 1980.                  299 00

 804    57.012  -135.767     2.0000  O  B  SITKA               AK  GL  VA  CT                            040      SS   US  84 2
   ZOBACK SEQ# AK 20                                                                                        USGS   E
   ZOBACK, M.L., M.D. ZOBACK, AND M.E. SCHLITZ, 1984.  INDEX OF STRESS DATA FOR THE NORTH AMERICAN AND PARTS OF THE PACIFIC
     PLATE; USGS OPEN FILE REPORT 84-157

 907    56.770  -135.800    29.0000  P  A  SITKA               AK  FM  S   M6                            208      SS   US  72 5
   720730   Mb 6.5 ; SEE SEQ# 769 PEREZ AND JACOB                                                           UWO    E 208 01
   CHANDRA, U., 1974, SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST OF NORTH AMERICA      299 60
     FROM 42 N TO 61 N.  BULL. OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.64 , NO.5, pp 1529-1549              118 30

1028    69.404  -135.818     2.5800  O  B  MACKENZIE DELTA      NT  IS  BO                                050  12        CN  86 4
   ADEO C-15; 10 BREAKOUTS TOTALING 571.21                                                                   AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1044    69.209  -135.854     3.1700  O  B  MACKENZIE DELTA      NT  IS  BO                                065  14        CN  86 4
   NORTH ELLICE J-23; 8 BREAKOUTS TOTALING 395.89m                                                           AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1011    68.734  -135.883     3.0100  O  B  MACKENZIE DELTA      NT  IS  BO                                046  13        CN  86 4
   ULU A-35; 22 BREAKOUTS IN 426.99m                                                                         AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 769    56.770  -135.910    29.0000  O  A  SITKA               AK  FM  S   M6                            207      SS   US  72 5
   720730  M 6.2                                                                                            LDGO   E 207 17
   PEREZ, O.J., AND K.H. JACOB, 1980; TECTONIC MODEL AND SEISMIC POTENTIAL OF THE EASTERN GULF OF ALASKA AND YAKATAGA      050 73
     SEISMIC GAP; JOURNAL OF GEOPHYSICAL RESEARCH, vol. 85, no. B12, PP. 7132-7150, DEC. 10, 1980.                  299 07

1035    69.551  -135.933     2.8100  O  A  BEAUFORT SEA         OF  IS  BO                                065  6         CN  86 4
   NETSERK B-44; 4 BREAKOUTS TOTALING 12.19m                                                                 AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P      Q      V      AZP

 570    66.520  -135.970    25.8000  O  A  PEEL R.              YK  FM  S   M4                        015      SS    CN  72 5
   720726  MB 4.8                                                                                          EPB    M 015
   LEBLANC, G. AND WETMILLER, R.J., 1974. AN EVALUATION OF SEISMOLOGICAL DATA FOR THE YUKON TERRITORY AND THE MACKENZIE
     VALLEY; CANADIAN JOURNAL OF EARTH SCIENCE, VOL. 11, 1974, PP.1435-1454

 828    56.000  -136.000    18.0000  O  A  CAPE OMMANEY         OF  FM  S   M7                        034      SS/T US  49 5
   491031 M6.7 (ALSO HODGSON & STOREY 1954; BSSA(44) 57-83)                                                 EPB    E 035 02
   WICKENS, A.J. AND J.H. HODGSON, 1967.  COMPUTER RE-EVALUATION OF EARTHQUAKE MAECHANISM SOLUTIONS, 1922-1962;   303 47
     PUB. OF THE DOMINION OBSERVATORY, vol. 33.                                                                   127 43

 802    57.690  -136.070     0.0000  O  A  PELICAN             AK  FM  S   M7                        195      SS   US  27 5
   271024; AFTER STAUDER 1959, GEOF. PUR. APP. 44:135                                                      ST.LOU E 195 07
   PEREZ, O.J. AND K.H. JACOB, 1980.  TECTONIC MODEL AND SEISMIC POTENTIAL OF THE EASTERN GULF OF ALASKA AND YAKATAGA   090 65
     SEISMIC GAP.  J. GEOPHYS. RES., 85(B12), 7132-7150.                                                          289 24

 834    57.690  -136.070     0.0000  P  A  PELICAN             AK  FM  S   M7                        018      SS   US  27 5
   271024 M7.1 (PREFERRED MECH: SEQ# 802)                                                                   EPB    E 018 07
   WICKENS, A.J. AND J.H. HODGSON, 1967.  COMPUTER RE-EVALUATION OF EARTHQUAKE MECHANISM SOLUTIONS, 1922-1962;   125 66
     PUB. DOMINION OBSERVATORY, EMR vol. 33                                                                       285 22

1038    68.651  -136.228     2.0700  O  A  MACKENZIE DELTA     NT  IS  BO                            042  11        CN  86 4
   FISH RIVER B-60; 29 BREAKOUTS TOTALING 296.27m                                                           AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1047    69.278  -136.304     2.8600  O  A  BEAUFORT SEA        OF  IS  BO                            076  10        CN  86 4
   IKATTOK I-17; MINOR POPULATION AT 87 DEGS (SEQ 1048); 6 BREAKOUTS TOTALING 463.89m                       AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1048    69.278  -136.304     2.8600  O  D  BEAUFORT SEA        OF  IS  BO                            087  3         CN  86 4
   IKATTOK I-17; MAJOR POPULATION AT 166 DEGS (SEQ 1047); 6 BREAKOUTS TOTALING 463.89m                      AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1021    69.903  -136.339     4.1000  O  A  BEAUFORT SEA        OF  IS  BO                            060  9         CN  86 4
   TARSUIT A-25; 4 BREAKOUTS TOTALING 34.6m                                                                 AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 801    58.340  -136.520     0.0000  O  A  MT. FAIRWEATHER     AK  FM  S   M8                        200      SS   US  58 5
   580710 - FROM STAUDER JGR50:293                                                                          ST.LOU E 200 06
   PEREZ, O.J. AND K.H. JACOB, 1980.  TECTONIC MODEL AND SEISMIC POTENTIAL OF THE EASTERN GULF OF ALASKA AND YAKATAGA   096 70
     SEISMIC GAP.  J. GEOPHYS. RES., 85(B12), 7132-7150.                                                          293 20

 833    58.340  -136.520    15.0000  P  A  MT. FAIRWEATHER     AK  FM  S   M8                        205      SS   US  58 5
   580710 (PREFERRED MECH: SEQ# 801)                                                                        EPB    E 205 09
   WICKENS, A.J. AND J.H. HODGSON, 1967.  COMPUTER RE-EVALUATION OF EARTHQUAKE MECHANISM SOLUTIONS, 1922-1962;   097 63
     PUB. DOMINION OBSERVATORY, EMR vol. 33                                                                       299 26

 333    68.270  -137.130     1.0000  O  B  N. YUKON            YK  IS  BO                            054       -       CN  83 1
   WELL =      SHELL AKLAVIK A-37                                                                              U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3  P       Q       V       AZP

 906    57.860  -137.420    15.0000  P  A  CROSS SOUND           OF  FM  S   M6                          203     T     US  73 5
   730701   Mb 6.7 ; SEE SEQ# 823 PEREZ AND JACOB                                                          UWO     E 203 27
   CHANDRA, U., 1974, SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST OF NORTH AMERICA          295 05
     FROM 42 N TO 61 N.  BULL. OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.64 , NO.5, pp 1529-1549                    035 63

 823    57.860  -137.420    15.0000  O  A  CROSS SOUND           OF  FM  S   M6                          210     T     US  73 5
   730701  Mb 6.7                                                                                          LDGO    E 210 21
   PEREZ, O.J. AND K.H. JACOB, 1980.  TECTONIC MODEL AND SESMIC POTENTIAL OF THE EASTERN GULF OF ALASKA AND YAKATAGA      300 02
     SEISMIC GAP; J. GEOPHYSICAL RESEARCH vol. 85, no. B12, pp. 7132-7150, DEC.10/80.                                 035 65

1006    68.772  -137.454     3.3800  O  D  MACKENZIE DELTA       NT  IS  BO                          029  12         CN  86 4
   BLOW RIVER E-47; MAJOR POPULATION AT 167 DEGS (SEQ 1005); 6 BREAKOUTS TOTALING 103.63 m                        AGC     M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1005    68.772  -137.454     3.3800  O  A  MACKENZIE DELTA       NT  IS  BO                          077   8         CN  86 4
   BLOW RIVER E-47; MINOR POPULATION AT 119 DEGS (SEQ 1006); 6 BREAKOUTS TOTALING 103.63m                           AGC     M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 825    57.900  -137.990    32.0000  O  B  CROSS SOUND           OF  FM  S   M5                          210     T     US  73 5
   730705  M5.4                                                                                            LDGO    L 210 21
   PEREZ, O.J. AND K.H. JACOB, 1980.  TECTONIC MODEL AND SESMIC POTENTIAL OF THE EASTERN GULF OF ALASKA AND YAKATAGA      300 01
     SEISMIC GAP; J. GEOPHYSICAL RESEARCH vol. 85, no. B12, pp. 7132-7150, DEC.10/80.                                 033 69

 824    57.990  -138.040    19.0000  O  A  CROSS SOUND           OF  FM  S   M6                          210     T     US  73 5
   730703  Mb 6.0                                                                                          LDGO    L 210 21
   PEREZ, O.J. AND K.H. JACOB, 1980.  TECTONIC MODEL AND SESMIC POTENTIAL OF THE EASTERN GULF OF ALASKA AND YAKATAGA      301 02
     SEISMIC GAP; J. GEOPHYSICAL RESEARCH vol. 85, no. B12, pp. 7132-7150, DEC.10/80.                                 037 69

 905    57.990  -138.040    19.0000  P  B  CROSS SOUND           OF  FM  S   M6                          207     T     US  74 5
   730703   Mb 6.0 ; SEE SEQ# 824 PEREZ AND JACOB                                                          UWO     L 207 28
   CHANDRA, U., 1974, SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST OF NORTH AMERICA          298 03
     FROM 42 N TO 61 N.  BULL. OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.64 , NO.5, pp 1529-1549                    033 62

 340    66.560  -138.430     1.0000  O  B  N.W. NORTHWEST T.     NT  IS  BO                          040     -     CN  83 1
   WELL =     WESTERN MIN N. HOPE N-53                                                                       U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

 571    61.000  -138.500    15.0000  O  A  KLUANE LAKE           YK  FM  C   M1                          040    SS     CN  79 5
   26 MICROEARTHQUAKES ON THE DENALI FAULT SYSTEM                                                          EPB     S 040
   HORNER, R.B., 1983. SEISMICITY IN THE ST. ELIAS REGION OF NORTHWESTERN CANADA AND SOUTHEASTERN ALASKA; BULLETIN OF
     THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 73, NO. 4, AUGUST, 1983, PP.1117-1137

1030    69.131  -138.735     1.5800  O  A  COSTAL YUKON          YK  IS  BO                          043   5         CN  86 4
   SPRING RIVER N-58; 15 BREAKOUTS TOTALING 86.53m                                                         AGC     M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

1031    69.342  -138.949     2.2500  O  A  COSTAL YUKON          YK  IS  BO                          030   6         CN  86 4
   ROLAND BAY YT-L41; 4 BREAKOUTS TOTALING 32.91m                                                          AGC     M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3  P       Q       V       AZP

1131    59.700  -139.500    15.0000  O  B  YAKUTAT               AK  IS  GS                                008      SS   US  86 5
   TWO TRILATERATIONS ACROSS FAIRWEATHER FAULT, 1983-86;  ASSUMED AZP = MRLS + 45.                                  USGS   E
   LISOWSKI, M. AND SAVAGE, J.C., 1986.  EXTREMELY HIGH SHEAR STRAIN RATE MEASURED ACROSS THE FAIRWEATHER FAULT NEAR
     YAKUTAT, ALASKA; EOS, TRANSACTIONS, AMERICAN GEOPHYSICAL UNION, VOL. 67, P. 907.

1132    59.700  -139.700    15.0000  O  B  YAKUTAT               AK  IS  GS                                020  8   SS   US  86 5
   TRILATERATION WEST OF FAIRWEATHER FAULT; ASSUMED AZP = MRLS + 45.                                                USGS   E
   LISOWSKI, M. AND SAVAGE, J.C., 1986.  EXTREMELY HIGH SHEAR STRAIN RATE MEASURED ACROSS THE FAIRWEATHER FAULT NEAR
     YAKUTAT, ALASKA; EOS, TRANSACTIONS, AMERICAN GEOPHYSICAL UNION, VOL. 67, P. 907.

1050    69.756  -139.743     2.5200  O  B  BEAUFORT SEA          OF  IS  BO                                075  13       CN  86 4
   NATSEK E-56; 13 BREAKOUTS TOTALING 619.6m                                                                       AGC    M
   BEAUFORT SEA/MACKENZIE DELTA STRESS ORIENTATIONS; BELL PODRONZEK, DIXON & DIETRICH (IN PREP 1986)

 334    66.360  -140.100     1.0000  O  B  N. YUKON              YK  IS  BO                                165      -    CN  83 1
   WELL =     INEXCO-HUSKY PORCUPINE G-31                                                                        U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

 337    65.800  -140.290     1.0000  O  B  N. YUKON              YK  IS  BO                                180      -    CN  83 1
   WELL =     INEXCO MALLARD O-18                                                                                U OF A M
   GOUGH,D., FORDJOR, C., AND BELL, J., 1983, A STRESS PROVINCE BOUNDARY AND TRACTIONS ON THE NORTH AMERICAN PLATE.
     NATURE, VOL. 305, OCTOBER 1983,pp.619-621.

 826    60.570  -140.640    25.0000  O  C  CAPE YAKATAGA         AK  FM  S   M5                        185      T    US  65 5
   651223  M5.7                                                                                                     LDGO   L 185 34
   PEREZ, O.J. AND K.H. JACOB, 1980.  TECTONIC MODEL AND SESMIC POTENTIAL OF THE EASTERN GULF OF ALASKA AND YAKATAGA      090 11
     SEISMIC GAP; J. GEOPHYSICAL RESEARCH vol. 85, no. B12, pp. 7132-7150, DEC.10/80.                                342 54

 903    60.570  -140.640    25.0000  P  E  CAPE YAKATAGA         AK  FM  S   M5                       -349      N    US  65 5
   651223   Mb 5.8 ; SEE SEQ# 826 - PEREZ AND JACOB                                                                 UWO    L 169 57
   CHANDRA, U., 1974, SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST OF NORTH AMERICA        259 00
     FROM 42 N TO 61 N.  BULL. OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.64 , NO.5, pp 1529-1549                  349 33

 712    60.360  -140.700     8.0000  O  A  ST. ELIAS MT.         AK  FM  S   M5                        131      T/SS US  79 6
   790302  M 5.0                                                                                                    USGS   L 131 06
   STEPHENS, C.D., LAHR, J.C., et al, THE ST. ELIAS,ALASKA, EARTHQUAKE OF FEBRUARY 28,1979: REGIONAL RECORDINGS OF     231 47
     AFTERSHOCKS AND SHORT-TERM, PRE-EARTHQUAKE SEISMICITY, BULL. OF THE SEISM. SOC. OF AM., VOL.70,pp.1607-1633       031 56

 676    61.390  -140.750    13.2000  O  A  MT. LOGAN             YK  FM  M   M5                        202      T    CN  83 5
   830330  Mb 5.4                                                                                                   HARVD  L 202 07
   DZIEWONSKI, A.M., FRIEDMAN, A., AND WOODHOUSE, J.H., 1983, CENTROID-MOMENT TENSOR SOLUTIONS FOR JANUARY-MARCH, 1983.  110 12
   PHYSICS OF THE EARTH AND PLANETARY INTERIORS, 33(1983) 71-75                                                     321 76

 713    60.280  -140.790    18.0000  O  A  ST. ELIAS MT.         AK  FM  S   M5                        150      SS   US  79 6
   790420  M 5.0                                                                                                    USGS   L 150 26
   STEPHENS, C.D., LAHR, J.C., et al, THE ST. ELIAS,ALASKA, EARTHQUAKE OF FEBRUARY 28,1979: REGIONAL RECORDINGS OF     254 38
     AFTERSHOCKS AND SHORT-TERM, PRE-EARTHQUAKE SEISMICITY, BULL. OF THE SEISM. SOC. OF AM., VOL.70,pp.1607-1633       025 54

 904    60.480  -140.810    31.0000  O  B  CAPE YAKATAGA         AK  FM  S   M6                        249      SS/T US  63 5
   630627   Mb 5.9                                                                                                   UWO    L 249 15
   CHANDRA, U., 1974, SEISMICITY, EARTHQUAKE MECHANISMS, AND TECTONICS ALONG THE WESTERN COAST OF NORTH AMERICA        138 54
     FROM 42 N TO 61 N.  BULL. OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.64 , NO.5, pp 1529-1549                  348 33
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

827     60.330  -140.940    15.0000  O  A   CAPE YAKATAGA       AK  FM  S   M6                          178      T     US  71 5
  710326  M5.8                                                                                            LDGO    L 178 34
  PEREZ, O.J. AND K.H. JACOB, 1980.  TECTONIC MODEL AND SESMIC POTENTIAL OF THE EASTERN GULF OF ALASKA AND YAKATAGA      096 04
    SEISMIC GAP; J. GEOPHYSICAL RESEARCH vol. 85, no. B12, pp. 7132-7150, DEC.10/80.                                 338 54

711     60.630  -141.240    18.0000  O  A   ST. ELIAS MT.       AK  FM  S   M5                          112      T/SS  US  79 6
  790301  M 4.9                                                                                            USGS    L 112 05
  STEPHENS, C.D., LAHR, J.C., et al, THE ST. ELIAS,ALASKA, EARTHQUAKE OF FEBRUARY 28,1979: REGIONAL RECORDINGS OF     211 34
    AFTERSHOCKS AND SHORT-TERM, PRE-EARTHQUAKE SEISMICITY, BULL. OF THE SEISM. SOC. OF AM., VOL.70,pp.1607-1633      013 52

714     59.770  -141.330    10.0000  O  A   ICY BAY             AK  FM  C                              173      SS/T  US  79 6
  ICY BAY COMPOSITE OF AFTERSHOCKS                                                                          USGS    L 173 22
  STEPHENS, C.D., LAHR, J.C., et al, THE ST. ELIAS,ALASKA, EARTHQUAKE OF FEBRUARY 28,1979: REGIONAL RECORDINGS OF     276 35
    AFTERSHOCKS AND SHORT-TERM, PRE-EARTHQUAKE SEISMICITY, BULL. OF THE SEISM. SOC. OF AM., VOL.70,pp.1607-1633      049 47

933     60.210  -141.440    17.3000  O  A   MT. ST. ELIAS       AK  FM  M   M5                          174      T     US  83 6
  830628  Mb 5.9                                                                                            HARVD   L 174 30
  DZIEWONSKI, A.M., FRANZEN, J.E., AND WOODHOUSE, J.H., 1983. CENTROID-MOMENT TENSOR SOLUTIONS FOR                 264 01
    APRIL-JUNE, 1983. PHYS. EARTH PLANETARY INTER. , VOL.33,  pp 243-249.                                         357 60

715     60.640  -141.590    15.0000  O  A   ST. ELIAS MT.       AK  FM  S   M7                          171      T     US  79 5
  7902228  Ms 7.1                                                                                            EPB     E 171 34
  HASEGAWA, H.S.,LAHR, J.C., AND STEPHENS, C.D.,1980, FAULT PARAMETERS OF THE ST. ELIAS, ALSKA, EARTHQUAKE
    OF FEBRUARY 28,1979, BULL. OF THE SEIS. SOC. OF AMERICA, VOL 70,NO. 5 OCTOBER 1980, PP.1651-1660               340 55

716     62.430  -142.040     8.0000  O  A   NORTHWAY            AK  FM  S   M4                          345      SS    US  81 5
  810402  Ml 4.4                                                                                            UALASK  L 345 08
  GEDNEY, LARRY, 1985.  STRESS TRAJECTORIES ACROSS THE NORTHEAST ALASKA RANGE;                                    120 79
    BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.75, no.4, AUGUST 1985. PP. 1125-1134                     255 08

784     69.890  -142.300    10.0000  O  A   BEAUFORT SEA        OF  FM  S   M4                          015      SS/N  US  75 5
  750331  Mb 3.8                                                                                            UALASK  M 015 30
  ESTABROOK, CHARLES HERSHEY, DEC. 1985.  SEISMOTECTONICS OF NORTHERN ALASKA;                                     223 58
    UNIVERSITY OF ALASKA, MSc THESIS.                                                                               113 10

1130    60.300  -143.300    15.0000  O  B   YAKATAGA            AK  IS  GS                              142      T     US  86 5
  STRAIN ACCUMULATION 1980-85.                                                                              USGS    E
  SAVAGE, J.C., LISOWSKI, M., PRESCOTT, W.H., 1986.  STRAIN ACCUMULATION IN THE SHUMAGIN AND YAKATAGA SEIMIC GAPS,
    ALASKA; SCIENCE, VOL. 231, P. 585-587.

656     70.360  -144.000     9.0000  O  C   NORTH SLOPE, ALASKA OF  FM  S   M4                          241              US  68 5
  ALTERNATIVE SOLUTION SEQ #657; AFTER FUJITA 1983 EOS64:263.                                               MICHSU  L 241 26
  FUJITA, K., WETMILLER, R. ET AL. 1985. THE DECADE OF NORTH AMERICAN GEOLOGY, VOL. L, CHP. E, SECT. 1
                                                                                                                  341 21

916     70.360  -144.000     9.0000  O  B   BEAUFORT SEA        AK  FM  S   M4                          006      SS    US  68 5
  680122  MAG=4.4                                                                                            UALASK  M 006 14
  BISWAS,N.N.,AKI,K.,PULPAN,H. AND TYTGAT,G.,1986. CHARACTERISTICS OF REGIONAL STRESSES IN ALASKA AND NEIGHBOURING AREAS  119 58
    GEOPHYSICAL RESEARCH LETTERS, VOL. 13, pp.177-180.                                                              269 29

785     68.330  -145.160    10.0000  O  D   ARCTIC VILLAGE      AK  FM  S   M4                         -164      N     US  78 5
  781208  ML 4.0  P:346/59; B:077/00, POORLY CONSTRAINED.                                                     UALASK  M 346 59
  ESTABROOK, CHARLES HERSHEY, DEC. 1985.  SEISMOTECTONICS OF NORTHERN ALASKA;                                     077 00
    UNIVERSITY OF ALASKA, MSc THESIS.                                                                               164 29
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SEQ     LAT       LON       DEPTH    N  QL     LOCALITY          PR  C1  C2  C3   P      Q      V      AZP

 780    65.650  -145.600    10.0000  O  B  CIRCLE HOT SPRINGS   AK  FM  S   M5                         331     SS    US  72 5
  721128  Ms 5.0                                                                                              UALASK L 331 22
  ESTABROOK, CHARLES HERSHEY, DEC. 1985.  SEISMOTECTONICS OF NORTHERN ALASKA;                                          166 66
    UNIVERSITY OF ALASKA, MSc THESIS.                                                                                  064 05

 924    65.100  -147.000    29.0000  O  B  FAIRBANKS           AK  FM  S   M4                        -061     N     US  73 5
  730618  MB 4.0  P:180/80; B:335/06.                                                                            UALASK L 180 08
  BHATTACHARYA, B. AND BISWAS, N.N., 1979, IMPLICATIONS OF NORTH PACIFIC PLATE TECTONICS IN CENTRAL ALASKA:            335 06
    FOCAL MECHANISMS OF EARTHQUAKES.  TECTONOPHYSICS, VOL.53, pp. 99-130.                                             061 06

 773    64.550  -147.200    10.0000  O  B  FAIRBANKS           AK  FM  S   M7                         350     SS/N  US  37 5
  370722 Ms 7.2 [ALSO ADKINS (BSSA 30,353), JORDAN etal/67]                                                  -       E 350 26
  ESTABROOK, CHARLES HERSHEY, DEC. 1985.  SEISMOTECTONICS OF NORTHERN ALASKA;                                          154 63
    UNIVERSITY OF ALASKA, MSc THESIS.                                                                                  258 05

 925    64.700  -147.200     7.0000  O  B  FAIRBANKS           AK  FM  S   M3                         124     SS    US  73 5
  730616  ML 3.5  B:090/90                                                                                       UALASK M 124 00
  BHATTACHARYA, B. AND BISWAS, N.N., 1979, IMPLICATIONS OF NORTH PACIFIC PLATE TECTONICS IN CENTRAL ALASKA:            090 90
    FOCAL MECHANISMS OF EARTHQUAKES.  TECTONOPHYSICS, VOL.53, pp. 99-130.                                             034 00

 929    64.800  -147.500    21.0000  O  B  FAIRBANKS           AK  FM  S   M3                        -134     N     US  73 5
  730328  MN 3.3  P:228/80; B:044/12.                                                                            UALASK M 228 80
  BHATTACHARYA, B. AND BISWAS, N.N., 1979, IMPLICATIONS OF NORTH PACIFIC PLATE TECTONICS IN CENTRAL ALASKA:            044 12
    FOCAL MECHANISMS OF EARTHQUAKES.  TECTONOPHYSICS, VOL.53, pp. 99-130.                                             134 02

 923    64.800  -147.500    26.0000  O  B  FAIRBANKS           AK  FM  S   M3                        -258     N     US  73 5
  730619  ML 3.8  P:161/76; B:348/14                                                                             UALASK L 161 76
  BHATTACHARYA, B. AND BISWAS, N.N., 1979, IMPLICATIONS OF NORTH PACIFIC PLATE TECTONICS IN CENTRAL ALASKA:            348 04
    FOCAL MECHANISMS OF EARTHQUAKES.  TECTONOPHYSICS, VOL.53, pp. 99-130.                                             258 00

 774    64.800  -147.600    17.0000  O  B  FAIRBANKS           AK  FM  S   M5                         171     SS    US  67 5
  670621  M 5.4 [ALSO SEE JORDAN et al. 1967]                                                                    USGS    L 171 07
  GEDNEY, L. 1970, TECTONIC STRESSES IN SOUTHERN ALASKA IN RELATIONSHIP TO REGIONAL SEISMICITY AND THE NEW GLOBAL
    TECTONICS,  BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.60, pp.1789-1802                                 261 07

 919    64.800  -147.800    18.0000  O  B  FAIRBANKS           AK  FM  S                            -318     N     US  73 5
  730321  P:202/86; B:050/03                                                                                      UALASK L 202 86
  BHATTACHARYA, B. AND BISWAS, N.N., 1979, IMPLICATIONS OF NORTH PACIFIC PLATE TECTONICS IN CENTRAL ALASKA:            050 03
    FOCAL MECHANISMS OF EARTHQUAKES.  TECTONOPHYSICS, VOL.53, pp. 99-130.                                             318 04

 717    64.490  -147.950    15.0000  O  A  FAIRBANKS           AK  FM  C   M4                         331     SS    US  84 6
  COMPOSITE OF SWARMS IN 1981 AND 1984                                                                       UALASK L 331 10
  GEDNEY, LARRY, 1985.  STRESS TRAJECTORIES ACROSS THE NORTHEAST ALASKA RANGE;                                         121 78
    BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.75, no.4, AUGUST 1985. PP. 1125-1134                         240 06

 914    64.000  -148.000    15.0000  O  B  FAIRBANKS           AK  FM  S   M7                         236     T     US  47 5
  471016                                                                                                     EPB     E 236 21
  WICKENS,A.J., AND HODGSON,J.H., 1967, COMPUTER RE-EVALUATION OF EARTHQUAKE MECHANISM SOLUTIONS 1922-62            331 11
    PUBLICATIONS OF THE DOMINION OBSERVATORY, VOL 33.                                                                  087 66

1097    70.200  -148.000     0.0010  O  B  PRUDHOE BAY         AK  IS  BO                         135             US      5
  NO OTHER DATA GIVEN                                                                                                M
  ZOBACK AND ZOBACK STRESS DATABASE SEQ #AK-28.
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SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP	
781	66.800	-148.100	10.0000	O	B	BEAVER	AK	FM	C	M5				102	SS US 72 5 UALASK L 102 00 196 76 012 14
COMPOSITE 4 M4-5 EVENTS [COOK PERS. COMM. 1985] ESTABROOK, CHARLES HERSHEY, DEC. 1985. SEISMOTECTONICS OF NORTHERN ALASKA; UNIVERSITY OF ALASKA, MSc THESIS.															
659	61.825	-148.975	18.7000	O	A	SUTTON	AK	FM	S	M6				114	SS US 84 5 USGS L 114 14 330 70 197 16
840814 Mb = 5.7, Ms = 5.2 LAHR, J.C., PAGE, R.A., STEPHENS, C.D. AND FOGLEMAN, K.A., 1986. SUTTON, ALASKA, EARTHQUAKE OF 1984: EVIDENCE FOR ACTIVITY ON THE TALKEETNA SEGMENT...; BULL. OF THE SEIS. SOC. OF AMERICA, VOL. 76, P. 967-983.															
922	64.700	-149.400	19.0000	O	B	MINTO	AK	FM	S					-035	N US 73 5 UALASK L 272 82 125 06 035 06
730730 ML 3.1 P:272/82; B:125/06. BHATTACHARYA, B. AND BISWAS, N.N., 1979, IMPLICATIONS OF NORTH PACIFIC PLATE TECTONICS IN CENTRAL ALASKA: FOCAL MECHANISMS OF EARTHQUAKES. TECTONOPHYSICS, VOL.53, pp. 99-130.															
783	65.920	-149.700	10.0000	O	B	LIVENGOOD	AK	FM	S	M4				328	SS US 75 5 UALASK M 328 25 116 62 232 12
750309 Ml 4.6 ESTABROOK, CHARLES HERSHEY, DEC. 1985. SEISMOTECTONICS OF NORTHERN ALASKA; UNIVERSITY OF ALASKA, MSc THESIS.															
799	65.590	-149.880	7.0000	O	B	RAMPART	AK	FM	C	M4				-080	N US 68 6 UALASK M 260 84 175 05 080 06
COMPOSITE OF 4 AFTERSHOCKS, P:260/80 HUANG, P.Y., AND BISWAS, N.N., 1983, RAMPART SEISMIC ZONE OF CENTRAL ALASKA. BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.73, pp.813-829															
797	65.580	-149.900	7.0000	O	B	RAMPART	AK	FM	C	M4				-087	N US 68 6 UALASK M 270 80 355 00 087 45
COMPOSITE OF 4 AFTERSHOCKS, P:270/80 HUANG, P.Y., AND BISWAS, N.N., 1983, RAMPART SEISMIC ZONE OF CENTRAL ALASKA. BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.73, pp.813-829															
789	66.530	-149.940	10.0000	P	A	STEVENS VILLAGE	AK	FM	S	M6				334	SS US 85 5 UALASK E 334 12 108 74 241 10
850309 Mb 6.0 SUPERCEDED BY SEQ #935 ESTABROOK, CHARLES HERSHEY, DEC. 1985. SEISMOTECTONICS OF NORTHERN ALASKA; UNIVERSITY OF ALASKA, MSc THESIS.															
935	66.530	-149.940	12.0000	O	A	STEVENS VILLAGE	AK	FM	M	M6				167	SS US 85 5 HARVD E 167 21 003 68 259 06
850309 Mb 6.0 SUPERCEDES SEQ# 789 DZIEWONSKI, A.M., FRANZEN, J.E., AND WOODHOUSE, J.H., 1985. CENTROID-MOMENT TENSOR SOLUTIONS FOR JANUARY-MARCH 1985. PHYS. EARTH PLANETARY INTER., VOL.40, pp 249-258.															
800	65.390	-149.960	7.0000	O	B	RAMPART	AK	FM	C	M4				-134	N US 68 6 UALASK M 310 60 043 04 134 30
COMPOSITE OF 2 AFTERSHOCKS, P:310/60. HUANG, P.Y., AND BISWAS, N.N., 1983, RAMPART SEISMIC ZONE OF CENTRAL ALASKA. BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.73, pp.813-829															
771	65.400	-149.960	7.0000	O	A	RAMPART	AK	FM	S	M6				327	SS US 68 6 UALASK L 327 01 141 82 242 05
681029 Ms 6.5 Ml 6.8 HUANG, P.Y., AND N.N. BISWAS, 1983. RAMPART SEISMIC ZONE OF CENTRAL ALASKA BULLETIN OF THE SEIMOLOGICAL SOCIETY OF AMERICA, vol. 73, no. 3, pp. 813-829, JUNE 1983.															
796	65.340	-149.970	7.0000	O	E	RAMPART	AK	FM	S	M3				-263	N US 68 6 UALASK M 083 86 352 00 263 04
AFTERSHOCK, POORLY CONSTRAINED, P:083/86. HUANG, P.Y., AND BISWAS, N.N., 1983, RAMPART SEISMIC ZONE OF CENTRAL ALASKA. BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL.73, pp.813-829															

SEQ	LAT	LON	DEPTH	N	QL	LOCALITY	PR	C1	C2	C3	P	Q	V	AZP	
788	66.370	-149.980	10.0000	P	B	STEVENS VILLAGE	AK	FM	S	M5				168	SS US 85 6 UALASK L 168 00 000 90 258 00
798	65.490	-149.980	7.0000	O	B	RAMPART	AK	FM	C	M4				299	SS US 68 6 UALASK M 299 12 155 81 204 00
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928	65.400	-150.000	39.0000	O	B	MINTO	AK	FM	S	M3				-020	N US 73 5 UALASK M 194 72 128 02 020 20
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927	64.000	-150.700	34.0000	O	E	MT MCKINLEY NATL PK	AK	FM	S	M3				128	SS US 73 5 UALASK L 128 00 090 90 038 00
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926	63.600	-150.900	38.0000	O	B	MINTO	AK	FM	S	M3				-042	N US 73 5 UALASK M 222 78 132 00 042 14
918	62.000	-151.000	15.0000	O	B	COOK INLET	AK	FM	C					201	SS US 70 6 GEDNEY M 201 07 034 80 298 11
921	63.500	-151.300	16.0000	O	B	MT. MCKINLEY	AK	FM	S					300	SS US 73 5 UALASK L 300 00 070 84 210 04

788 850214 Mb 5.4 SUPERCEEDED BY SEQ#934
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798 COMPOSITE OF 5 AFTERSHOCKS
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934 850214 Mb 5.4 , SUPERCEDES SEQ# 788
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928 730507 ML 3.4 P:194/72; B:288/02.
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795 COMPOSITE OF 4 AFTERSHOCKS
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936 850310 Mb 5.2
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927 730523 MB 3.8 (OR POSSIBLY THRUST FAULTING).
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926 730605 ML 3.1 P:222/78; B:132/00.
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921 731222
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SEQ     LAT       LON       DEPTH    N  QL      LOCALITY          PR  C1  C2  C3   P       Q       V       AZP

1176    65.840  -153.010    15.0000  O  A  BIRCHES                AK  FM  M                                139      SS   US  86 7
  86/06/04 ML5.7                                                                                                          M 139 22
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  AND PLANETARY INTERIORS, 45 (1987) 229-239                                                                             231 06

 917    66.780  -154.960    10.0000  P  B  MT. GEORGE            AK  FM  S   M5                                139      SS   US  80 5
  801006  DATA POINTS NOT GIVEN, USE SEQ #786                                                                        UALASK L 139 03
  BISWAS,N.N.,AKI,K.,PULPAN,H. AND TYTGAT,G.,1986. CHARACTERISTICS OF REGIONAL STRESSES IN ALASKA AND NEIGHBOURING AREAS  027 82
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 786    66.780  -154.960    10.0000  O  B  MT. GEORGE            AK  FM  S   M5                                114      SS   US  80 5
  801006  Ml 5.0  Mb 4.6                                                                                            UALASK L 114 02
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 775    66.000  -156.600    10.0000  O  B  HUSLIA                AK  FM  S   M7                               -152      N    US  58 5
  580407  Ms 7.3 [COOK PERS. COMM. 1985]                                                                           UALASK E 005 66
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 779    66.300  -157.000    10.0000  O  C  KOBUK                 AK  FM  C                                312      SS   US  66 5
  COMPOSITE 2  M 4.8  1966                                                                                          UALASK M 312 06
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 782    64.610  -160.040    10.0000  O  B  KOYUK                 AK  FM  S   M4                               -320      N/SS US  73 5
  730411  Mb 4.2 [COOK PERS. COMM. 1985]                                                                           UALASK M 198 55
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 777    64.690  -160.230     5.0000  O  B  KOYUK                 AK  FM  S   M6                               -040      N    US  65 6
  650416  MS 4.9  AFTER CORMIER, PERS. COMM., P:202/69                                                              LDGO   L 202 69
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 787    67.700  -161.200    10.0000  O  B  MISHEGUK MTN.         AK  FM  S   M5                               -021      N    US  81 5
  810712  Mb 5.2 [COOK PERS. COMM. 1985]                                                                           UALASK L 217 64
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 778    66.710  -162.700    10.0000  O  B  KOTZEBUE SOUND        AK  FM  S   M5                                145      SS   US  66 5
  660826  Mb 5.0 [COOK PERS. COMM. 1985]                                                                           UALASK L 145 11
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    UNIVERSITY OF ALASKA, MSc THESIS.                                                                                  055 02

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  641213  MB 5.3, SEE ALSO ESTABROOK 1985                                                                           UALASK L 071 52
  BISWAS,N.N.,AKI,K.,PULPAN,H. AND TYTGAT,G.,1986. CHARACTERISTICS OF REGIONAL STRESSES IN ALASKA AND NEIGHBOURING AREAS  293 30
    GEOPHYSICAL RESEARCH LETTERS, VOL. 13,pp.177-180                                                                   190 21

 657    67.380  -172.570    33.0000  O  C  CHUKCHI SEA               FM  S   M5                               -190      N    SU      5
  7111005  MB 5.2  ALTERNATIVE TO SEQ #915.                                                                          MICHSU M 010 45
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711005 MB 5.2, SEE SEQ #657 FOR AN ALTERNATIVE.															UALASK	L	333	85
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