

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

JANUARY 1974

CODE MUN

LATITUDE $31^{\circ}58.7' S$

LONGITUDE $116^{\circ}12.5' E$

ELEVATION 253 m

FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION		
			at To	Peak	
SP Z	1.0	0.75	25K	43K	at 0.6 Sec.
SP N	1.0	0.75	25K	43K	at 0.6 Sec.
SP E	1.0	0.75	25K	43K	at 0.6 Sec.
LP Z	15	100	750	800	at 25 Sec.
LP N	15	100	375	400	at 25 Sec.
LP E	15	100	375	400	at 25 Sec.
SP Z	1.0	0.04	14K	340K	at 0.2 Sec.
SP S	0.8	(Wood Anderson)	1240	2040	0.2 Sec.
SP E	0.8	(Wood Anderson)	1240	2040	0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

MAR 27 1974



Date 1974	Phase	Dir.	G.M.T.	Por. (Sec)	Amp.	LogA/T
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MUNDARING (MUN)

JANUARY.

*01	eP		14 15 21			
*02	eP		00 10 28			
*02	eP		11 01 21			
	e		03 14			
*02	eP		14 51 21			
*02	eP		14 52 08			
*02	eP		22 20 17			
	eS		24 26			
*03	eP		11 24 11			
*03	eP		17 43 19			
	e		47 31			
*03	eP		22 05 12			
	eS		09 36			
04	iP	D	09 25 41.4			
	eS		26 06			
*05	eP		08 52 59			
*05	eP		21 52 06			
*06	iP	D	17 48 23.0			
*07	eP		04 04 38			
*07	eP		05 28 12			
*08	eP		15 32 37			
*08	iP	D	21 56 59.5	LZ 20.0	11 u	
				LN 20.0	3 u	
				LE 20.0	6 u	
09			Nil			
*10	iP	C	03 27 03.1	0.6	43mu	1.9
*10	iP	C	09 00 00.5			
*10	eP		10 01 26			
*10	eP		10 09 38			
*10	eP		11 33 51			
*11	iP	D	05 45 20.0			
*11	eP		23 34 17			
*12	eP		10 31 03			
*13	eP		13 26 29			
	eS		31 24			
*13	eP		18 01 30			
*14	eP		20 44 30			
*14	eP		23 45 40			
*15	eP		08 41 30			
*15	eP		23 01 08			
*16	eP		13 00 36			
*17	eP		02 52 46			
*17	eP		11 35 45			
*17	iP	C	11 36 12.7			
*17	eP		13 27 18			
	eS		32 01			
18	iP	D	02 10 45.9			
	iS		10 55.8			
*18	eP		06 59 44	LZ 20.0	46 u	
				LN 20.0	13 u	
				LE 20.0	7 u	
*19	eP		04 15 45			
*19	eP		06 27 42			
*20	eP		02 15 05			
*20	eP		05 22 02			
*20	eP		20 15 15			

Katanning
ML = 2.4Meokering
ML = 2.1

Date 1974.	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T	Centre
MUNDARING (MUN)			Cont. (2)				
JANUARY.							
*21	eP		11 57 58				
*21	eP		13 57 08				
*21	eP		21 10 42				
*21	eP		21 19 08				
21	iP	C	22 54 14.3				Narrogin
	iS		54 28.7				ML = 2.3
22			Nil				
*23	iP	C	02 43 20.8	0.4	730mu	3.2	Narrogin
	iS		43 35				ML = 3.9
*23	iP	C	03 24 40.8	0.6	100mu	2.2	
*23	iP	C	14 00 14.6				
23	iP	C	20 11 53.0				Narrogin
	iS		12 07.1				ML = 2.0
*24	eP		07 06 51				
	e		07 27				
24	eP		15 50 13				Local
	eS		50 27				
*24	eP		19 24 46				
24	eP		21 12 32				Local
	eS		12 46				
25	iP	C	20 37 52.9	0.7	490mu	2.8	
	e		41 24				
	eS		45 40				
	e		51 46				
*25	iP	D	22 51 03.8				
26			Nil				
27	eP		12 16 13				
27	eP		17 12 04				
*28	eP		02 10 20				
*29	iP	C	19 02 42.1				
	eS		07 50				
*29	iP	D	22 42 53.3				
*30	eP		05 09 56				
*30	eP		09 59 33	LZ	20.0	154 u	
	eS		10 05 45	LN	20.0	100 u	
				LE	20.0	57 u	
*31	eP		01 38 14				
31	eP		06 41 12				
*31	iP	D	15 19 41.0				
*31	iP	D	20 24 27.8				
*31	iP	D	23 38 12.8				

* Sent by telegram to N.E.I.C.

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MARBLE BAR (TOWN)

JANUARY 1974

CODE MBT

LATITUDE $21^{\circ}10.2'$ SLONGITUDE $119^{\circ}44.5'$ E

ELEVATION 200 m

FOUNDATION Archean Basic Igneous

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To Peak
SP Z	1.0	-	20K 100K at 0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073.

MAR 27 1974



Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MARBLE BAR (MBT)</u>						
JANUARY.						
01			No Record			
02	eP		11 01 26.			
*02	iP	C	14 50 00.2			
02	eP		15 39 03			
	eS		40 42			
02	eP		22 18 04			
	eS		20 07			
*02	iP	C	23 17 44.5			
03	eP		01 46 15			
	eS		48 24			
03	eP		11 23 40			
03	eP		11 43 27			
03	eP		17 41 05			
03	eP		20 19 36.			
*04	iP	C	09 39 25.2			
04	eP		18 50 11			
05	eP		07 30 43			
*05	iP	D	08 53 11.3			
05	eP		15 24 38			
	eS		26 51			
05	eP		21 51 35			
06			Blank record			
07	eP		04 03 12			
*07	iP	C	05 27 14.7			
08-09			Nil			
10	eP		08 59 30			
10	eP		10 09 07			
10	eP		12 29 51			
10	eP		13 59 11			
11	eP		03 38 53			
11	eP		05 44 50			
12			Nil			
13	eP		13 19 27			
	eS		22 07			
14	eP		08 08 42			
14	eP		16 12 29			
14	eP		20 43 32			
14	eP		23 39 53			
15	eP		08 41 35			
15	eP		12 07 50			
16	eP		05 00 35			
17	eP		09 28 33.			
*17	iP	C	12 55 25.0	1.0	2550mu	3.4
17	eP		12 55 40			
	eS		57 50			
18	eP		07 00 54			
19	eP		04 14 19			
19	eP		08 26 34.			
*20	iP	C	02 14 00.7			
20	eP		04 29 35			
20	eP		05 21 32			
20	eP		06 03 26			



Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T	
<u>MARBLE BAR (MBT)</u> Cont. (2)							
JANUARY.							
21	eP		09 49 29				
21	iP	D	10 00 12.4				Explosion
21	eP		11 57 10				
22			Nil				
*23	eP		02 45 46	0.3	3mu	0.9	Local Narrogi
	eS		47 48				mB = 4.6
*23	iP	D	03 22 57.8				
	i		25 31.4				
23	eP		04 11 26				Explosion
23	eP		09 14 51				Explosion
23	eP		14 00 07				
*23	iP	C	16 09 03.0				
23	eP		18 37 32				
	eS		39 22				
23	eP		18 51 02				
	eS		52 52				
*24	iP	C	07 05 00.2				
24	eP		08 16 46				Explosion
24	eP		19 23 40				
*25	iP	C	04 40 12.3				
*25	iP	D	20 36 34.5				
26			Nil				
27	eP		05 19 54				
*27	iP	C	07 09 26.4				
*27	iP	C	07 15 11.4				
*27	iP	C	12 15 38.5				
27	eP		17 10 00				
28	eP		04 06 30				
29	eP		00 53 42				
*29	iP	C	19 00 51.1				
	eS		03 38				
29	eP		22 41 02				
	eS		43 48				
30	eP		09 57 55				
	iS		57 58.0				
	eS		10 01 38				
31	eP		07 13 19				
*31	iP	C	15 19 27.0				
31	eP		20 23 32				
31	eP		23 37 17				

* Sent by telegram to N.E.I.C.

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AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

FEBRUARY 1974

CODE MUN

LATITUDE $31^{\circ}58.7' S$

LONGITUDE $116^{\circ}12.5' E$

ELEVATION 253 m

FOUNDATION Precambrian granite

COMPONENT	(To (Seconds)	Tg (Seconds)	MAGNIFICATION at To Peak			
SP Z	1.0	0.75	25K	43K	at 0.6	Sec.
SP N	1.0	0.75	25K	43K	at 0.6	Sec.
SP E	1.0	0.75	25K	43K	at 0.6	Sec.
LP Z	15	100	750	800	at 25	Sec.
LP N	15	100	375	400	at 25	Sec.
LP E	15	100	375	400	at 25	Sec.
SP Z	1.0	0.04	14K	340K	at 0.2	Sec.
SP S	0.8	(Wood Anderson)	1240	2040	0.2	Sec.
SP E	0.8	(Wood Anderson)	1240	2040	0.2	Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

APR 19 1974

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN)

FEBRUARY.

*01	eP		02 14 31			
*01	eP		03 20 40			
*01	eP		05 02 44			
*01	eP		05 24 25			
*01	eP		07 10 22			
*01	eP		07 15 44			
*01	eP		08 20 18			
*01	eP		08 24 15			
*01	iP	C	09 16 31.5			
*01	eP		10 20 23			
*01	eP		10 56 56.1			
*01	iP	C	13 28 55.6			
*01	iP	C	15 32 07.3			
*01	iP	D	17 13 02.1			
*01	eP		22 44 10			
*02	eP		02 16 39			
*02	eP		06 46 43			
*02	eP		08 36 03			
*02	eP		10 35 52			
*02	eP		11 51 16			
	eS		57 30			
*02	eP		15 43 20			
03	eP		04 46 33			Explosion Tom Price
	eS		48 11			
*03	iP	D	10 17 46.6			
*03	eP		16 21 02			
*03	eP		18 52 10			
*04	eP		07 45 29			
*04	eP		08 16 36			
*04	eP		20 18 46			
*05	eP		05 17 13			
	eS		21 02			
05	iP	C	09 02 22.0			Brookton ML 1.9
	iS		02 33.6			
*05	eP		22 11 16			
06	eP		06 26 26			
	eS		26 35			
*06	eP		09 26 00			
*07	eP		09 48 23			
*07	iP	C	16 29 45.1			
*08	eP		00 44 02			
*08	iP	D	13 34 59.0			
*08	eP		18 33 17	LZ 20.0	15 u	
				LN 20.0	3 u	
				LE 20.0	11 u	
09	iP	D	02 10 41.0			Brookton ML = 2.4
	iS		10 53.0			
*09	eP		03 36 20			
09	eP		03 43 50			Explosion
	eS		45 24			
09	eP		07 39 49			Explosion
	eS		41 25			
*09	eP		23 04 01			
10	iP	C	01 33 17.2			Brookton ML = 2.2
	iS		33 29.1			
*11	eP		01 46 37			

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u> Cont. (2)						
FEBRUARY.						
*11	eP		10 04 58			
*11	iP	C	13 07 28.2			
*11	eP		14 18 35			
*11	eP		21 53 59			
12			Nil			
13	iP	C	04 28 55.4			Brookton
	iS		29 07.2			ML 2.3
13	iP	D	16 59 35.0			Brookton
	iS		59 47.0			ML 2.6
*13	iP	C	23 44 25.4			
*14	iP	D	06 45 24.5			
15	iP	C	00 59 29.7			Brookton
	iS		59 41.8			ML 2.1
*15	iP	D	04 18 33.8			Brookton
	iS		18 45.8			ML 3.0
*15	iP	D	23 23 54.6			
*16	eP		00 32 31			
*16	eP		01 59 56			
	i		02 02 30.5			
*16	eP		02 25 40			
*16	eP		05 48 25			
16	eP		20 43 35			Regional
17	eP		04 43 01			
18			Nil			
*19	iP	C	01 29 01.7	LZ 20.0 LN 20.0 LE 20.0	12 u 8 u 6 u	
*19	eP		03 38 46			
*19	eP		19 05 45			
20			Nil			
21	iP	D	03 09 43.0			Brookton
	iS		09 55.0			
21	iP	D	03 11 24.8			Brookton
	iS		11 36.4			
21	iP	D	03 34 18.2			Brookton
	iS		34 31.2			
*21	iP	C	10 45 19.9			
*21	eP		17 26 41	0.9	220mu	2.4
	eS		31 40			
21	iP	C	22 28 54.6			Brookton
	iS		29 07.2			
*22	eP		00 47 11			
	e		48 33			
	iS		55 36.1			
	e		05 06			
	e		15 30			
22	iP	D	10 43 34.2			Brookton
	iS		43 46.7			
22	iP	D	15 36 19.0			Brookton
	iS		36 31.2			
23	iP	C	05 25 41.8			Brookton
	iS		25 54.1			
*24	eP		04 42 12			
*24	eP		19 13 33			
*25	eP		03 04 37			



Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (3)

FEBRUARY.

25	iP		05 43 17.1			
	iS		43 29.2			Brookton
*25	oP		05 58 40			ML 2.3
25	iP		05 47 46.0			
	iS		47 58.0			Brookton
25	iP		06 43 57.9			ML 2.0
	iS		44 09.9			Brookton
25	iP	D	08 09 37.4			ML 2.0
	iS		09 49.5			Brookton
*25	eP		10 56 33			ML 1.8
25	iP	C	13 07 21.1			
	iS		07 33.2			Brookton
*26	iP	D	06 36 53.3			ML 3.5
*26	eP		10 04 21			
*27	eP		00 28 53			
*27	eP		02 01 27			
*27	iP	D	18 09 02.1			
*27	iP	C	19 03 50.9			
*27	eP		20 48 31			
*28	eP		07 43 09			
*28	eP		08 17 03			
*28	eP		14 08 09			
*28	iP	C	14 14 13.1			
*28	eP		14 59 15			
*28	eP		16 16 34			
*28	eP		20 34 28			
*28	iP		23 18 11.9			
	iS		18 24.0			Brookton
						ML = 2.5

* Sent by telegram to N.E.I.C.

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MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

MARCH 1974

CODE MUN

LATITUDE 31°58.7' S
ELEVATION 253 m

LONGITUDE 116°12.5' E
FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION		
			at	To	Peak
SP Z	1.0	0.75	25K	43K	at 0.6 Sec.
SP N	1.0	0.75	25K	43K	at 0.6 Sec.
SP E	1.0	0.75	25K	43K	at 0.6 Sec.
LP Z	15	100	750	800	at 25 Sec.
LP N	15	100	375	400	at 25 Sec.
LP E	15	100	375	400	at 25 Sec.
SP Z	1.0	0.04	14K	340K	at 0.2 Sec.
SP S	0.8	(Wood Anderson)	1240	2040	0.2 Sec.
SP E	0.8	(Wood Anderson)	1240	2040	0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

MAY 31 1974



Date 1974 Phase Dir. G.M.T. Per. (Sec.) Amp. LogA/T

MUNDARING (MUN)

MARCH.

*01	eP		04 32 18
*01	eP		04 34 41
*01	eP		11 37 21
*01	eP		21 25 12
*02	eP		02 00 12
	e		04 08
*02	eP		04 54 50
*02	eP		05 16 11
*02	eP		07 20 19
*03	eP		05 02 04
*03	iP		07 15 45.8
*03	iP	C	10 36 41.7
	eS		40 45
*03	iP	C	13 00 41.2
*03	eP		13 36 05
*03	eP		13 48 55
*03	iP	C	14 31 25.5
*04	iP	C	06 29 08.3
*04	iP	C	12 48 05.5
*05	iP	D	07 45 45.9
	iS		45 58.1
*05	eP		08 15 20
*06	iP	D	02 00 04.0
	e		00 35
*06	iP	D	09 34 00.8
*06	eP		15 15 12
*06	iP	C	19 35 02.1
*07	eP		00 45 45
*07	iP	D	21 59 14.0
*08	eP		04 26 23
*09	eP		03 24 07
09	eP		09 16 26
	eS		16 35
*09	iP	C	17 49 43.5
*09	iP	D	20 22 37.0
	eS		28 10
*09	eP		23 28 11
*10	iP	D	16 36 43.1
*11	iP	C	11 49 58.6
*12	eP		03 48 39
12	iP	C	06 14 20.0
	iS		14 38.4
*12	iP	D	07 46 17.8
*12	eP		15 20 17
*13	eP		00 22 30
13	eP		01 38 02
	eS		39 34
13	iP	D	02 37 41.3
	iS		37 50.3
*13	eP		02 58 22
*13	eP		08 17 54
13	iP	C	08 33 34.0
	iS		33 43.2
*13	iP	C	09 02 51.0
*13	iP	D	11 55 32.7

Local.

Brookton
ML 2.4

Meckering
ML 2.4

LZ	18.0	143 u
LN	18.0	26 u
LE	18.0	77 u

0.9 100mu 2.0

Manmanning

Meckering
ML = 1.9

Meckering
ML = 2.1

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u> Cont. (2)						
MARCH.						
13	iP	D	14 18 05.3			Meckering
	iS		18 26.9			
*13	eP		16 47 51			
14	eP		04 20 05			
	eS		20 57			
*14	eP		10 21 19			
	e		22 41			
14	iP	D	10 47 01.1			Meckering
	iS		47 11.0			
*14	eP		10 58 47			
*14	eP		13 27 18			
*14	eP		21 07 45	LZ 18.0	28 u	
	eS		14 53	LN 18.0	6 u	
				LE 18.0	17 u	
*14	eP		21 43 59			
	e		44 10			
*15	eP		07 58 52			
	e		59 02			
*15	eP		17 45 02			
	e		45 27			
*16	eP		07 42 06			
16	iP	D	11 36 54.0			
	iS		37 06.2			
16	iP		15 56 27.7			
16	iP	D	15 56 31.9			
	iS		56 44.1			
16	iP	D	15 56 54.2			
	iS		57 06.1			
*17	iP	D	04 04 14.0			
*17	eP		19 43 44			
*18	iP	D	10 49 16.1			
*18	eP		11 04 34			
*18	eP		11 07 00	LZ 20.0	9 u	
				LN 20.0	3 u	
				LE 20.0	6 u	
19	iP	D	05 52 42.4			Brookton
	iS		52 54.4			ML = 2.0
19	iP	D	18 05 47.3			Brookton
	iS		05 59.4			ML = 2.1
*20	eP		01 34 05			
20	iP	D	02 11 32.7			Brookton
	iS		11 44.8			ML = 2.6
*20	eP		08 12 50			
*20	iP	C	09 13 12.6			
*20	eP		14 48 13			
21	eP		01 39 25			
*21	iP	C	15 33 24.0			Explosion
*21	eP		16 48 50			
*22	eP		02 07 15			
22	eP		04 18 41			
*22	iP	D	14 23 01.3			Explosion
*22	eP		18 26 11			
*22	eP		22 19 32			
*23	eP		01 40 30			
*23	iP	C	11 48 42.2	LZ 20.0	2.2 u	
				LN 20.0	0.9 u	
				LE 20.0	0.9 u	

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (3)

MARCH.

*23	eP		14 37 24			
	e		39 07			
	e		44 33			
*23	iP	D	15 02 52.0			
*23	iP	D	15 10 20.5			
*23	eP		15 21 09			
*23	eP		16 25 24			
*23	eP		20 20 25			
*23	eP		20 34 58	LZ	21.0	52 u
				LN	21.0	0 u
				LE	21.0	37 u
*23	eP		21 00 55			
*23	eP		21 56 27			
*24	eP		00 21 14			
*24	iP	D	04 30 06.7			
*24	eP		14 26 46			
*24	iP	D	16 33 03.3			
*24	eP		19 50 32			
*25	eP		08 38 57			
*25	iP	C	10 40 45.4			
*25	eP		16 37 18			
25	iP	D	16 45 04.3			Brookton
	iS		45 16.9			ML = 2.0
*25	iP	D	18 08 27.2			
*25	iP	D	21 24 03.4			
*26	iP	C	00 47 19.1			
27			Nil			
*28	iP	D	02 09 22.3			
*28	iP	C	06 02 36.0			
	eS		07 38			
28	iP	D	08 11 54.8			Brookton
	iS		12 06.9			ML = 2.1
28	iP	D	09 47 37.4			Brookton
	iS		47 50.0			ML = 2.1
*28	eP		17 16 00			
*28	eP		23 34 24			
28	iP		23 53 39.1			Brookton
	iS		53 51.0			ML = 2.0
*29	eP		01 01 54			
*29	eP		06 48 14			
*29	eP		13 16 25			
*29	eP		22 09 14			
*30	eP		22 05 45			
*31	iP	C	06 54 51.2			
	eS		00 33			
*31	eP		21 33 27			

*Sent by telegram to N.E.I.C.

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

APRIL 1974

CODE MUN

LATITUDE $31^{\circ}58.7' S$

LONGITUDE $116^{\circ}12.5' E$

ELEVATION 253 m

FOUNDATION Precambrian granite

COMPONENT	To		MAGNIFICATION		
	(Seconds)	Tg (Seconds)	at	To	Peak
SP Z	1.0	0.75	25K	43K	at 0.6 Sec.
SP N	1.0	0.75	25K	43K	at 0.6 Sec.
SP E	1.0	0.75	25K	43K	at 0.6 Sec.
LP Z	15	100	750	800	at 25 Sec.
LP N	15	100	375	400	at 25 Sec.
LP E	15	100	375	400	at 25 Soc.
SP Z	1.0	0.04	14K	340K	at 0.2 Seo.
SP S	0.8	(Wood Anderson)	1240	2040	0.2 Sec.
SP E	0.8	(Wood Anderson)	1240	2040	0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	Log A/T
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MUNDARING (MUN) Cont. (2)

APRIL.

*17	eP		07 23 05	0.4	6.6mu	1.2
	eS		24 17			
*17	eP		14 27 53			
*17	iP	C	15 28 13.3			
*18	eP		02 50 31			
*18	eP		09 12 19			
*18	eP		09 46 02			
*19	iP	D	07 13 55.6			
*19	eP		08 11 50			
19	eP		09 32 48			
	eS		34 36			
*20	eP		03 18 59	LZ 20.0	7 u	
				LN 20.0	3 u	
				LE 20.0	6 u	
*20	eP		04 35 14			
*20	eP		08 36 07	LZ 20.0	8 u	
				LN 20.0	3 u	
				LE 20.0	5 u	
*20	eP		09 47 11			
*20	eP		16 03 47			
*20	eP		23 37 51			
*21	eP		01 02 21	LZ 20.0	10 u	
				LN 20.0	7 u	
				LE 20.0	7 u	
22			Nil			
23			Nil			
*24	eP		01 18 44			
*24	eP		09 13 09			
*24	eP		20 21 00			
*25	eP		10 44 37			
*25	eP		11 33 25			
*26	eP		12 25 29			
*26	eP		19 05 30			
*27	eP		06 20 50			
*27	eP		07 34 48	LZ 20.0	20 u	
				LN 20.0	9 u	
				LE 20.0	9 u	
*27	iP	D	10 11 35.4			
*28	eP		18 09 39			
29	iP	D	14 40 46.0			
	iS		41 08.9			
*29	eP		22 40 35			
*30	iP	D	20 04 23.5			

Wubin ML 3.3

* Sent by telegram to N.E.I.C.



Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u>						
APRIL.						
01	iP	C	12 16 33.8			Brookton
	iS		16 45.7			
01	iP		19 47 22.2			Brookton
	iS		47 34.1			
01	iP	C	22 49 19.9			Brookton
	iS		49 31.8			
02	eP		02 02 15.			Mukinbudin
02	iP	C	07 18 28.2			
03	iP	D	00 18 40.6			
*04	eP		05 05 19			
*04	eP		12 48 12			
*04	eP		18 43 51			
*04	eP		22 28 51			Mukinbudin
*04	eP		23 39 57			
*05	eP		03 56 14			
*05	iP	D	17 56 53.1			
*05	eP		23 47 39			
*06	eP		02 52 13			
*06	eP		04 14 31.			
*06	iP	C	06 10 20.3			
*06	eP		07 36 04			
*06	eP		10 04 15			
	e		04 26			
*06	eP		12 44 34			
*07	eP		03 24 59.			
*07	iP	C	04 01 12.6			
	i		01 16.9			
*07	iP	D	23 41 31.8			
08			Nil			
09	eP		00 05 39			
	eS		07 31			
*09	eP		17 07 35			
*09	iP	D	17 40 45.4			
*09	eP		20 34 05			
*10	iP	D	06 08 17.8			
	i		08 25.2			
*10	eP		06 48 33			
*10	eP		19 32 35			
*10	eP		23 02 35			
	i		02 39.0			
*10	eP		23 09 16			
*11	eP		04 20 43.			
*11	iP	D	17 45 08.8			
*12	eP		03 29 22			
*12	eP		17 54 04			
*12	eP		20 15 07			
13			Nil			
*14	iP	C	07 14 37.7			
15	eP		02 38 01			Mukinbudin
						ML = 2.8
*15	iP	C	12 07 30.3			
15	eP		19 24 31			Meckering
						ML = 2.4
*16	eP		11 31 03			

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

MAY 1974

CODE MUN

LATITUDE 31°58.7' S

LONGITUDE 116°12.5' E

ELEVATION 253 m

FOUNDATION Precambrian granite

COMPONENT	(To (Seconds)	Tg (Seconds)	MAGNIFICATION			
			at To	Peak		
SP Z	1.0	0.75	25K	43K	at 0.6	Sec.
SP N	1.0	0.75	25K	43K	at 0.6	Sec.
SP E	1.0	0.75	25K	43K	at 0.6	Sec.
LP Z	15	100	750	800	at 25	Sec.
LP N	15	100	375	400	at 25	Sec.
LP E	15	100	375	400	at 25	Sec.
SP Z	1.0	0.04	14K	340K	at 0.2	Sec.
SP S	0.8	(Wood Anderson)	1240	2040	0.2	Sec.
SP E	0.8	(Wood Anderson)	1240	2040	0.2	Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

SEP 9 1974

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN)

MAY.

*01	eP		11 43 08			
*01	eP		12 56 15			
*01	eP		15 31 29			
02	iP	D	23 01 10.3			Meokering ML = 3.0
	iS		01 19.9			
*03	iP	C	12 27 13.7	0.9	165mu	2.3
03	iP	D	14 25 37.4			Meckering ML = 2.3
	iS		25 47.4			
*03	eP		20 30 24			
04	iP	D	08 32 52.3			Meokering ML = 2.0
	iS		33 02.0			
*04	iP	D	09 18 43.1			
*04	eP		12 17 33			
*04	eP		12 56 01			
*04	eP		23 51 38			
*05	eP		06 07 00			
*05	eP		08 26 33			
*05	iP	C	13 10 07.4			
*05	eP		14 30 40			
*05	eP		19 22 53			
*06	eP		10 32 18			
*06	iP	D	10 40 06.6			
*06	eP		11 49 04			
*07	eP		02 35 27			
*07	eP		03 12 29			
*07	eP		12 14 11			
*07	eP		21 12 19			
*08	eP		09 55.49			
*08	eP		11 32 39			
*08	eP		16 39 42			
*08	eP		22 29 39			
*08	eP		23 44 36			
*09	eP		05 58 01			
*09	eP		13 34 20			
*10	eP		08 31 11			
*10	eP		19 35 30			
*11	eP		00 50 35			
*11	eP		01 03 46			
*11	iP	C	06 24 14.0			
*11	iP	C	13 13 05.7			
*11	eP		19 18 48			
*11	eP		20 58 44			
*11	eP		21 00 08			
*11	eP		22 29 07			
*12	eP		03 55 56			
*12	eP		10 24 50			
*12	eP		12 03 56			
12	iP	C	15 50 10.3			Manmanning ML = 2.6
	iS		50 27.9			
*12	eP		19 00 46			
*12	eP		20 06 15			
*12	eP		20 24 24			
*13	eP		02 18 35			
*13	eP		17 52 16			
*13	eP		19 00 25			
*13	eP		20 09 31			
*13	iP	D	20 11 27.6			

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u> Cont. (2)						
MAY.						
*14	eP		08 38 10			
*14	eP		13 14 16			
*14	eP		15 08 21			
*15	eP		04 01 39			
*15	eP		09 12 33			
*15	eP		09 42 31			
*15	eP		10 20 30			
*15	iP	C	18 52 51.2			
*15	eP		19 12 45	LZ 0.7 LN 18.0 LE 18.0	81mu 5 u 3 u 3 u	2.1
*15	eP		21 20 36			
*16	eP		03 15 51			
*16	eP		08 05 12			
*16	eP		20 09 43			
*16	eP		23 27 32			
*17	eP		03 59 58			
*17	eP		09 01 38			
*17	eP		09 34 28			
*17	eP		09 37 54			
*17	eP		13 57 01			
*17	eP		15 41 03			
*17	eP		17 21 41			
*17	eP		20 47 01			
*17	iP	D	21 00 39.3			
*17	eP		21 22 52			
*17	iP	D	23 15 29.0			
*18	eP		12 07 20			
*19	eP		21 48 24			
*20	eP		16 33 24			
*20	eP		19 59 53			
*21	iP	C	02 15 30.1			
*21	iP	D	04 56 43.2			
*21	eP		08 02 16			
	eS		06 26			
*22	eP		04 15 12			
22	iP	C	09 55 28.9			
*22	eP		11 45 48			Meckering
*22	iP	C	14 30 41.7			
*22	eP		14 56 57			
23	eP		00 39 16			
*23	iP	C	17 33 29.2	0.8	4.5mu	1.8 Alderside
23	iP		22 38 35.9			
24			Nil			
25			Nil			
*26	eP		01 40 55			
*26	iP	D	05 56 43.0			
26	iP	C	11 53 12.8			
	iS		53 24.8			Brookton ML = 2.6
*27	eP		05 20 42			
*27	eP		10 44 46			
*28	eP		03 04 24			
*28	eP		06 57 25			

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (3)

MAY.

*29	eP		05 27 50			
*29	eP		08 38 39			
*30	eP		16 18 51			
*31	eP		03 39 50			
*31	eP		07 50 59			
31	iP	C	13 48 14.1			
	iS		48 24.3			

Meckering
ML = 2.5

* Sent by telegram to N.E.I.C.

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

1974

JUNE

CODE MUN

LATITUDE 31°58.7' S

LONGITUDE 116°12.5' E

ELEVATION 253 m

FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To Peak		
SP Z	1.0	0.75	25K	43K	at 0.6 Sec.
SP N	1.0	0.75	25K	43K	at 0.6 Sec.
SP E	1.0	0.75	25K	43K	at 0.6 Sec.
LP Z	15	100	750	800	at 25 Sec.
LP N	15	100	375	400	at 25 Sec.
LP E	15	100	375	400	at 25 Sec.
SP Z	1.0	0.04	14K	340K	at 0.2 Sec.
SP S	0.8	(Wood Anderson)	1240	2040	0.2 Sec.
SP E	0.8	(Wood Anderson)	1240	2040	0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

SEP 18 1974

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u>						
JUNE.						
01			Nil			
*02	eP		16 06 48			
*03	eP		11 57 36			
*03	eP		19 57 56			
*04	iP	D	04 24 21.1			
05			Nil			
*06	eP		04 25 06			
*06	eP		08 43 49			
*06	eP		18 23 28			
*07	eP		23 08 35			
08	iP	D	02 58 14.8			
Meckering ML 2.6						
*08	eP		17 23 29			
*08	eP		22 04 33			
*09	eP		03 12 16			
*09	eP		07 54 45			
*09	eP		14 35 21			
*09	eP		17 45 47			
*10	iP	D	19 11 32.6			
*11	eP		11 43 24			
*12	eP		03 19 06			
*12	eP		17 26 51			
*12	eP		21 35 48			
*13	eP		12 16 49			
*13	eP		13 50 40			
*13	eP		20 55 52			
*14	eP		13 37 14			
*14	eP		15 41 58			
*14	eP		18 48 11			
*15	eP		07 13 12			
15	iP	D	16 42 41.2			
Brookton ML 2.3						
*16	eP		06 19 46			
*16	eP		09 59 33			
17			Nil			
*18	eP		08 40 28			
18	iP	D	14 22 10.0			
	iS		22 19.8			
*18	eP		20 29 15			
*19	eP		03 04 10			
*19	eP		09 56 23			
*20	iP	D	06 44 32.7			
*20	eP		12 38 43			
20	eP		17 07 55			
21			Nil			
*22	eP		02 33 47			
*22	eP		10 10 14			
*22	eP		18 21 06	0.9	52mu	1.8
	e		21 18			
*22	eP		19 31 06			
*23	iP	C	06 28 56.2			
*23	eP		14 36 24			

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u> Cont. (2)						
JUNE.						
*24	eP		19 11 55			
*24	eP		20 47 14			
	e		15 06			
*24	eP		21 42 23	LZ 17.0	188 u	
	e		47 28	LN 17.0	46 u	
	eS		48 12	LE 17.0	44 u	
	LM		49 30			
*24	iP	D	23 55 05.7			
*25	eP		00 30 10			
25	iP	C	03 17 36.8			Meckering
*25	iP	C	04 22 48.8			
*25	iP	C	05 17 04.8			
	e		20 40			
*25	eP		17 28 14			
	e		28 20			
	e		28 54			
	eS		33 08			
	e		33 43			
*26	eP		08 34 58			
*26	iP	C	23 42 13.9			
*27	eP		07 54 09			
*27	eP		10 12 55			
*27	eP		13 29 34			
27	iP	D	22 57 57.8			Meckering
	iS		58 07.2			ML = 2.2
*28	iP	D	13 11 44.9			Meckering
	eS		11 54			ML = 2.0
*28	eP		16 21 02			
29			Nil			
*30	iP	D	08 42 26.7	0.9	350mu	2.6

* Sent by telegram to N.E.I.C.

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

1974

JULY

CODE MUN

LATITUDE $31^{\circ}58.7'$ S

LONGITUDE $116^{\circ}12.5'$ E

ELEVATION 253 m

FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To Peak		
SP Z	1.0	0.75	25K	43K	at 0.6 Sec.
SP N	1.0	0.75	25K	43K	at 0.6 Sec.
SP E	1.0	0.75	25K	43K	at 0.6 Sec.
LP Z	15	100	750	800	at 25 Sec.
LP N	15	100	375	400	at 25 Sec.
LP E	15	100	375	400	at 25 Sec.
SP Z	1.0	0.04	14K	340K	at 0.2 Sec.
SP S	0.8	(Wood Anderson)	1240	2040	0.2 Sec.
SP E	0.8	(Wood Anderson)	1240	2040	0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

NOV 1 1974

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u>						
JULY.						
01			Nil			
02	iP	C	04 30 17.3			Meckering
	iS		30 26.6			
02	iP		19 10 02.5			Meckering
	iS		10 12.4			
02	iP	C	23 36 15.7	LZ 18.0 LN 18.0 LE 18.0	229 u 129 u 114 u	
*03	eP		21 41 48			
	eS		45 45			
*03	iP	C	23 34 57.0	LZ 20.0 LN 20.0 LE 20.0	32 u 23 u 23 u	
*04	eP		04 24 42			
*04	eP		12 12 15			
*04	eP		18 42 46			
*05	iP	D	18 14 01.6			
*06	iP	C	15 03 56.9			
*07	iP	D	08 27 18.5			
*07	iP	C	12 32 48.8			
07	eP		17 29 00			
*08	eP		05 56 57			
08	iP	D	06 45 37.3			
	iS		48 49.5			
*09	iP	D	10 47 01.1			Meckering
	iS		47 11.0			
09	iP	C	11 03 35.9			Meckering
*10	eP		16 47 00			
10	iP	D	23 25 47.1			Meckering
*11	iP	C	16 59 45.3			
*12	eP		18 33 28			
*13	eP		01 38 14			
	e		01 39			
*13	iP	D	02 27 09.0			
*13	eP		02 40 15			
*13	iP	D	16 56 25.9			
*13	eP		18 18 41			
*14	iP	D	02 23 03.5			
*14	iP	D	02 33 40.8			
*14	iP	D	09 42 39.0			
	eS		47 00			
*14	eP		17 56 05			
*15	eP		03 45 16			
15	iP	D	08 25 08.3			Brookton
	eS		25 20			
15	iP	D	09 19 50.3			Local
	iS		20 11.3			
15	iP	C	11 45 30.0			
	iS		45 41.8			
15	eP		23 31 17			
16			Nil			
17			Nil			
18	eP		11 15 22			

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	Log A/T
<u>MUNDARING (MUN)</u> Cont. (2)						
JULY.						
18	iP	C	16 08 28.5			Brookton
*18	iP	D	19 40 58.0			
*19	iP	C	13 13 44.7			Brookton
*19	iP	D	17 53 40.2	0.9	322mu	2.6
*19	eP		18 44 11			
*19	eP		19 00 28			
*20	eP		01 30 32			
*20	eP		19 23 10			
*21	eP		22 53 23			
22	eP		04 50 58			
*23	iP	D	11 07 18.4			
*24	eP		20 32 09			
25	iP	D	05 43 59.2			
	iS		43 13.0			
*25	eP		17 25 36			
	eS		31 56			
*25	eP		20 29 50			
*26	iP	D	13 07 17.2			
27	eP		02 08 27			Meckering
*27	iP	D	13 35 40.1			
*28	iP	D	11 47 30.5			
*28	iP	D	21 56 11.8			
*29	eP		22 23 25			
30			No Record			
31			N11			

* Sent by telegram to N.E.I.C.

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

1974

AUGUST

CODE MUN			
LATITUDE	31°58.7' S	LONGITUDE	116°12.5' E
ELEVATION	253 m	FOUNDATION	Precambrian granite
COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To Peak
SP Z	1.0	0.75	25K 43K at 0.6 Sec.
SP N	1.0	0.75	25K 43K at 0.6 Sec.
SP E	1.0	0.75	25K 43K at 0.6 Sec.
LP Z	15	100	750 800 at 25 Sec.
LP N	15	100	375 400 at 25 Sec.
LP E	15	100	375 400 at 25 Sec.
SP Z	1.0	0.04	14K 340K at 0.2 Sec.
SP S	0.8	(Wood Anderson)	1240 2040 0.2 Sec.
SP E	0.8	(Wood Anderson)	1240 2040 0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

NOV 6 1974

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN)

AUGUST.

01			NIL			
*02	iP	D	10 22 15.9			
*03	eP		01 33 48			
04			NIL			
05			NIL			
*06	iP	D	18 48 25.3	1.0	80mu	1.9
*07	iP	D	07 02 31.8			
*07	iP	D	18 56 41.8			
*08	iP	C	02 50 38.5			
	eS		54 27			
*08	eP		19 26 26			
*09	iP	D	06 43 05.7			
*09	iP	C	23 47 32.6			
*10	eP		07 36 01			
*11	eP		01 11 13			
*11	eP		20 17 43			
*11	eP		21 33 51			
*12	eP		05 32 22			
*13	iP	D	05 59 35.5			Meckering
*13	eP		08 15 17			
13	eP		14 52 02			
13	eP		15 10 56			
*14	eP		21 25 21			
*14	eP		22 17 07			
*15	eP		03 44 17			
*15	eP		14 21 51			
*15	iP	D	19 16 38.1			Meckering
	eS		16 47.6			
*16	eP		04 24 15			
*16	eP		09 31 57			
*16	iP	C	19 51 07.6			
*17	iP	D	15 59 59.2			Local
	eS		16 00 09.2			
*17	eP		16 25 03			
18			Nil			
*19	eP		20 14 25			
20-21			Nil			
*22	iP	C	11 58 20.2			
*23	iP	C	04 56 00.9			
23	eP		08 15 42			
*24	iP	C	03 07 07.4			
24	eP		07 46 16			
*24	iP	D	14 10 09.1			
24	eP		15 44 40			
*25	iP	D	01 29 39.2			
25	eP		03 37 22			
*25	iP	C	12 01 16.1			
*25	iP	C	14 43 38.2			
25	eP		15 41 49			
	eS		42 12			
*25	eP		17 28 49			
*26	eP		02 08 03			
*26	iP	C	06 47 30.1			
*27	eP		13 08 16			
*28	eP		10 28 37			
*29	iP	C	10 18 34.0			

Local
ML = 2.6

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (2)

AUGUST.

* 30	eP		08 05 05			
* 30	eP		12 56 32			
* 30	iP	C	20 12 31.9			
* 30	iP	C	21 51 14.1			
* 30	eP		23 40 13			
31			NIL			

* Sent by telegram to N.E.I.C.

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS
MUNDARING GEOPHYSICAL OBSERVATORY
AUSTRALIA
PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

1974

SEPTEMBER

CODE MUN

LATITUDE 31°58.7' S

LONGITUDE 116°12.5' E

ELEVATION 253 m

FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To Peak
SP Z	1.0	0.75	25K 43K at 0.6 Sec.
SP N	1.0	0.75	25K 43K at 0.6 Sec.
SP E	1.0	0.75	25K 43K at 0.6 Sec.
LP Z	15	100	750 800 at 25 Sec.
LP N	15	100	375 400 at 25 Sec.
LP E	15	100	375 400 at 25 Sec.
SP Z	1.0	0.04	14K 340K at 0.2 Sec.
SP S	0.8	(Wood Anderson)	1240 2040 . 0.2 Sec.
SP E	0.8	(Wood Anderson)	1240 2040 0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u>						
SEPTEMBER.						
01			Nil			
*02	iP	D	04 39 42.9			
*02	eP		08 48 20			
*03	eP		06 04 02			
*04	eP		01 34 52			
*04	eP		06 10 01			
	eS		14 23			
*04	eP		20 27 12			
*04	iP	C	23 18 07.1			
	iS		18 24.9			
04	eP		23 20 55			
*05	eP		01 02 17			
*05	iP	C	08 07 14.5			
	ipP		07 22.0			
	osP		07 34			
*05	iP	C	14 01 25.9			
	ipP		01 29.5			
	eS		06 30			
	esS		06 33			
*05	iP	C	21 25 08.1			
05	iP	C	21 32 01.8			
	iS		32 19.6			
*06	eP		03 05 48			
*06	eP		20 46 34			
06	iP	D	23 02 07.0			
	iS		02 17.6			
*06	iP	C	23 34 38.8			
	epP		34 50			
*07	iP	C	07 42 20.4			
	ipP		42 25.3			
07	iP	C	12 24 20.6			
	iS		24 38.3			
*07	eP		20 48 16			
	eS		52 24			
08	eP		05 22 07			
*08	iP	D	05 25 04.0			
08	eP		12 29 52			
09	eP		09 42 29			
*10	iP	D	21 15 42.2			
*11	iP	D	19 21 30.8			
12			Nil			
13	eP		08 15 16			
14			Nil			
15	eP		08 25 12			
*15	iP	C	20 42 44.3			
*16	iP	D	00 56 41.8			
*16	eP		17 58 09			
*16	iP	D	20 30 53.1			
17			Nil			
*18	eP		18 32 44			
19	iP	O	22 05 15.5			
	eS		05 24.0			
*19	iP	D	23 58 27.3	0.7	55mu	1.9
20	eP		08 03 02			
20	eP		19 34 23			
*20	iP	D	19 56 30.6			

Manmanning
ML = 4.5
Manmanning
ML = 4.0

Meckering
ML = 2.8

Manmanning

Meckering
ML = 1.8

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (2)

SEPTEMBER.

*20	iP	C	21 11	38.0		
*20	iP	C	21 27	19.8		
*21	iP	C	03 18	56.0		
*21	iP	C	05 06	58.3		
*21	iP	C	06 03	45.7		
*21	iP	C	06 41	30.3		
21	eP		12 50	24		
21	eP		16 07	52		
21	eP		19 35	35		
21	eP		22 41	31		
*22	iP	C	19 12	03.1		
23-24			Nil			
*25	iP	D	15 57	04.2		
*25	iP	C	17 18	01.1		
*26	eP		16 42	10		
*27	iP	C	03 21	12.0		
*27	iP	C	04 28	49.1		
27	eP		05 37	26		
27	eP		05 59	34		
27	eP		08 59	04		
27	eP		12 29	54		
27	eP		23 52	34		
28			NIL			
*29	eP		16 03	59		
*30	eP		03 33	35		
*30	iP	C	13 30	08.7		

Kununurra

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BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

1974

OCTOBER

CODE MUN

LATITUDE 31°58.7' S

LONGITUDE 116°12.5' E

ELEVATION 253 m

FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To Peak
SP Z	1.0	0.75	25K 43K at 0.6 Sec.
SP N	1.0	0.75	25K 43K at 0.6 Sec.
SP E	1.0	0.75	25K 43K at 0.6 Sec.
LP Z	15	100	750 800 at 25 Sec.
LP N	15	100	375 400 at 25 Sec.
LP E	15	100	375 400 at 25 Sec.
SP Z	1.0	0.04	14K 340K at 0.2 Sec.
SP S	0.8	(Wood Anderson)	1240 2040 . 0.2 Sec.
SP E	0.8	(Wood Anderson)	1240 2040 0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
MUNDARING (MUN)						
OCTOBER.						
*01	eP		04 16 18			
*01	eP		23 03 05			
*02	eP		04 39 03			
*03	iP	C	04 12 52.0			Manmanning
	iS		13 09.9			
*03	ePKP		14 40 52			Peru
*03	iP	C	20 42 14.0			Manmanning
	iS		42 32.0			
*04	eP		22 36 10			
*04	iP	C	23 35 33.3			
*05	eP		08 14 02			
06	eP		18 08 00			
07	eP		17 29 59			
07	eP		22 05 15			
08	eP		07 39 56			
*08	iP	D	10 10 59.7			
08	eP		13 30 53			
*09	iP	C	07 44 19.7			
*10	iP	D	01 56 06.9			
10	eP		04 24 46			
10	eP		07 08 41			
10	eP		09 47 09			
*10	iP	C	19 07 22.2			
10	eP		21 38 24			
11	eP		08 41 07			
12			NIL			
13	eP		02 41 31			
13	eP		17 00 20			Mukinbudin
14	eP		08 04 34			
14	eP		21 10 07			
*15	eP		07 14 11			
*15	eP		21 08 53			
*15	iP		21 37 10.3			
16	eP		02 39 19			Blast
*16	eP		06 04 55			
*16	iP	D	17 37 59.9			
17			Nil			
18	eP		04 10 05			
*18	eP		09 11 17			
*18	eP		12 02 35			
*19	eP		06 51 42			
*20	eP		15 42 27			
*21	eP		04 12 45			
*21	iP	D	04 21 39.8	0.9	611mu	2.8
21	eP		19 32 35			
*22	iP	C	00 26 43.0			
22	eP		08 34 16			
22	eP		08 39 31			
22	eP		22 53 20			
23	eP		05 48 31			Brookton
23	eP		06 15 20.			Brookton
*23	iP	D	06 22 43.2			
*24	iP	C	05 37 47.9			
*24	iP	D	08 31 11.1			
24	eP		20 16 39			
*24	eP		21 12 36			
*25	iP	D	00 25 05.2			

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (2)

OCTOBER.

26	eP		03 27 01			
27			NIL			
28	eP		12 16 17			
*29	iP	D	03 19 54.5	0.8	2200mu	3.4 Banda Sea
	e		20 38			
	e		20 47			
	e		22 57			
	eS		24 21			
	e		24 40			
	e		25 18			
*29	eP		09 56 52			
*30	eP		07 40 32			
30	eP		20 50 27			
*30	iP	C	21 51 24.2			
31			NIL			

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BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS
MUNDARING GEOPHYSICAL OBSERVATORY
AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

1974

NOVEMBER

CODE MUN

LATITUDE 31°58.7' S

LONGITUDE 116°12.5' E

ELEVATION 253 m

FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To Peak
SP Z	1.0	0.75	25K 43K at 0.6 Sec.
SP N	1.0	0.75	25K 43K at 0.6 Sec.
SP E	1.0	0.75	25K 43K at 0.6 Sec.
LP Z	15	100	750 800 at 25 Sec.
LP N	15	100	375 400 at 25 Sec.
LP E	15	100	375 400 at 25 Sec.
SP Z	1.0	0.04	14K 340K at 0.2 Sec.
SP S	0.8	(Wood Anderson)	1240 2040 . 0.2 Sec.
SP E	0.8	(Wood Anderson)	1240 2040 0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

JAN 28 1975

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T	
<u>MUNDARING (MUN)</u>							
NOVEMBER.							
01			NIL				
*02	eP		05 14 34				
*02	iP	C	05 18 32.9	0.9	140mu	2.2	
*02	iP	D	21 48 07.2				
	eS		51 57				
*02	iP	C	22 29 37.5	0.9	100mu	2.0	
*03	eP		03 19 04				Mukinbudin
*04	iP	D	17 45 34.9				Meckering.
*05	iP	C	10 47 07.1				
05	iP	C	20 25 18.9				Local
06			NIL				
*07	iP	C	01 56 47.2	0.5	20mu	1.6	200 km N
	iS		59 11.5				Pt Hedland
*07	iP	C	04 56 09.7				
*07	eP		06 27 34				Manmanning
*08	eP		02 36 08				
*08	iP	D	13 45 22.0				
*08	iP	C	13 48 56.1				
*08	eP		21 35 06				
*09	iP	D	19 16 35.5	LZ 22.0 LN 22.0 LE 22.0	100 u 51 u 57 u		
*10	iP	C	03 16 25.2				
*10	eP		04 35 46	LZ 20.0 LN 20.0 LE 20.0	23 u 11 u 14 u		
*11	eP		02 01 57				
*11	eP		03 19 44				
*11	iP	C	04 21 30.8	0.9	64mu	1.9	
*11	eP		06 38 56				
*11	eP		09 23 27				
*12	iP	D	22 20 08.8				
*13	eP		17 05 57				
*14	eP		10 04 45				
	epP		05 10				
*14	eP		21 17 20				
	eS		19 35				
*15	eP		23 43 58				
*16	eP		10 44 05				
17	eP		09 34 28				
17	eP		12 07 55				
17	eP		14 56 53				
*18	eP		18 12 14				
*19	iP	D	03 27 27.2				Meckering
*19	eP		04 04 17				
*19	eP		05 06 24				
*19	iP	C	05 49 37.9				
*19	eP		05 59 13				
*19	iP	D	09 30 36.5				Meckering
	oS		30 47.0				
*20	iP	C	04 23 33.7				
*20	eP		13 34 36				
*21	iP		03 09 57.3				Perenjori
	iS		10 31.8				
21	eP		06 46 04				
22			NIL				

Date 1974	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (2)

NOVEMBER.

*23	iP	D	00 45 45.7			
*23	eP		02 04 19			
23	eP		06 47 01			
*24	iP	D	21 30 06.9			
*25	eP		06 08 30			
*26	eP		03 22 27			
27-28			NIL			
*29	eP		09 57 48			
*29	iP .		22 15 25.0			
*30	eP		04 32 06			
*30	eP		14 04 14			
*30	eP		17 12 49			
*30	iP	C	17 17 04.1			

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BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS
MUNDARING GEOPHYSICAL OBSERVATORY
AUSTRALIA
PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING .

1974

DECEMBER

CODE MUN

LATITUDE 31°58.7' S

LONGITUDE 116°12.5' E

ELEVATION 253 m

FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To Peak
SP Z	1.0	0.75	25K 43K at 0.6 Sec.
SP N	1.0	0.75	25K 43K at 0.6 Sec.
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LP E	15	100	375 400 at 25 Sec.
SP Z	1.0	0.04	14K 340K at 0.2 Sec.
SP S	0.8	(Wood Anderson)	1240 2040 . 0.2 Sec.
SP E	0.8	(Wood Anderson)	1240 2040 0.2 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING. W.A. 6073
AUSTRALIA

MAR 07 1975



Date	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN)

DECEMBER.

01	eP		13 16 18			
*02	eP		00 14 05			
*02	eP		00 51 52			
02	eP		02 00 21			
*02	iP	C	06 43 06.7	1.0	680mu	2.8
*02	iP	D	06 51 28.0			
*02	eP		08 17 12			
*02	iP	D	12 31 23.6			
*03	eP		03 12 40			
*03	eP		20 06 18			
*03	eP		21 22 44			
*04	eP		02 48 56			
*04	eP		03 13 57			
*04	eP		17 34 41			
*04	iP	D	19 06 32.2			
*05	iP	D	03 25 38.8			
*05	eP		05 45 48			
	e		49 17			
*05	eP		12 16 30			
*06	iP	D	10 34 10.7			
*06	eP		14 18 20			
*06	eP		17 19 00			
*07	eP		14 34 53			
*07	eP		14 45 34			
*08	eP		11 45 08			
*08	eP		22 33 05			
09	eP		11 05 47			
*09	eP		20 33 26			
*09	eP		22 48 37			
*10	iP	C	01 52 55.1			
*10	eP		03 11 22			
11			NIL			
*12	iP	C	12 54 52.2			
*13	iP	C	07 37 15.4			
*13	eP		07 51 03			
*14	iP	C	20 13 54.8	0.6	216mu	2.7
15			NIL			
16			NIL			
*17	eP		15 41 24	LZ 20.0 LN 20.0 LE 20.0	37 u 23 u 20 u	
*17	iP	C	15 51 04.5			
*18	eP		03 40 53			
*18	iP	D	12 25 51.9			
*18	eP		19 29 26			
*19	eP		04 12 58			
*19	eP		16 20 39			
*20	iP	C	02 50 17.2			
*20	eP		06 45 46			
21	iP	D	00 59 31.9			
*21	eP		03 41 16			
22			NIL			
*23	eP		00 41 12			
*24	eP		00 02 01			
*24	eP		01 53 44			
*24	eP		02 29 55			

Manmanning

Meckering



Date	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (2)

DECEMBER.

*24	eP		07 02 28			
*25	iP	C	02 25 48.9			
*25	eP		12 41 55			
*26	iP	D	00 36 01.1			
*26	eP		08 46 07			
*26	eP		21 44 43			
*27	iP	C	05 59 49.4			
*27	eP		11 38 31			
*28	eP		08 05 04			
*28	eP		08 21 57			
*28	iP	C	12 23 41.2			
28	eP		13 31 32			
*29	eP		04 16 06			
*29	eP		06 40 24			
30			NIL			
*31	eP		02 50 36			
*31	eP		20 40 53			
*31	iP	D	22 24 24.1			

Meckering

Meckering

* Sent by telex to N.E.I.C.