

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

MUNDARING

JAN 1976

CODE MUN

LATITUDE $31^{\circ} 58.7' S$
ELEVATION 253 m

LONGITUDE $116^{\circ} 12.5' E$
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	<u>15</u>	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 13 1976



Date 1976	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u>						
JANUARY.						
*01	eP		00 05 25			
*01	eP		01 39 14			
*02	eP		05 58 13			
*02	eP		22 06 08			
*03	eP		06 29 13			
*03	eP		19 34 17			
*04	eP		04 01 52			
	eS		05 54			
*05	eP		20 51 00			
	eS		54 55			
06			NIL			
*07	eP		00 16 19			
*08	eP		16 13 11			
*08	iP	D	21 37 31.3			
	e		42 10			
*09	iP	D	00 03 10.1			
10	eP		09 01 42			
11-13			NIL			
*14	eP		08 37 43			
*14	eP		16 06 08			
	eS		14 11			
*14	eP		16 57 10			
	eS		05 08			
*14	eP		17 54 55			
*14	eP		17 58 18			
*14	eP		17 59 16			
*14	eP		18 44 32			
*14	iP	D	19 00 07.5			
*14	eP		22 53 27			
	e		54 23			
*15	eP		02 04 32			
*15	eP		02 09 54			
*15	eP		03 39 48			
*15	eP		03 58 09			
*15	eP		04 49 45			
*15	eP		06 16 28			
*15	eP		06 37 57			
*15	eP		08 39 30			
*15	iP	C	10 19 31.6			
*16	iP	D	10 55 05.5			
*16	iP	C	11 03 03.4			
*16	eP		12 43 11			
*16	eP		23 41 44			
*17	eP		05 59 05			
*17	eP		10 06 06			
*18	eP		01 41 27			
	eS		45 22			
*19	eP		15 51 14			
*20	eP		04 18 30			
*20	eP		19 26 31			
*21	eP		04 52 38	0.7	90mu	2.1
	eS		56 42			
*21	eP		10 17 41			
	e		26 27			
*21	eP		13 41 28	1.2	180mu	2.2
22	eP		04 06 22			
*22	eP		09 13 11			

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

JANUARY.

*22	eP		16 14 15			
*23	iP	C	05 50 05.5			
*23	eP		18 39 54			
*24	eP		07 04 42			
*24	iP	C	21 58 00.8			
*25	iP	C	01 17 39.0			
*25	eP		02 31 00			
*25	eP		12 36 12			
26			NIL			
27	eP		22 31 54			
	eS		35 41			
28-29			NIL			
*30	eP		10 29 28			
*30	eP		15 23 42			
*31	iP	D	08 31 02.4			

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

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

MUNDARING

FEB 1976

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	<u>15</u>	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 1976	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	Log A/T
MUNDARING (MUN)						
FEBRUARY.						
*01	eP		05 59 03			
	eS		03 16			
*01	eP		06 47 36	1.0	40mu	1.6
*01	eP		11 34 25	1.6	200mu	2.2
*01	eP		12 13 26			
*01	eP		14 10 49			
*01	eP		14 30 59			
	eS		35 08			
*02	eP		03 55 52			
03	eP		04 23 05			
*03	iP	C	10 50 42.7			
	e		51 56			
	e		54 28			
*03	iP	D	12 36 20.3			
	e		43 23			
*03	eP		18 13 57			
*04	eP		09 21 38			
*04	eP		09 50 22	0.9	64mu	1.9
04	eP		20 00 18			
*05	eP		04 18 28			
*05	eP		16 25 48			
*06	eP		00 11 45	0.8	111mu	2.1
*06	eP		17 01 08			
07			NIL			
*08	eP		08 33 43			
*08	eP		12 00 45			
*09	eP		06 12 29			
	eS		16 26			
09	eP		12 04 43			
10			NIL			
*11	eP		01 55 09			
*11	eP		05 11 13			
	e		12 57			
11	eP		07 14 21			
	e		18 07			
11	eP		14 14 08			
	eS		14 26			
*12	eP		07 50 05			
*12	eP		15 04 24			
*12	eP		18 21 10			
*13	eP		08 16 12			
*13	eP		10 42 04			
*14	eP		03 23 38			
*14	eP		06 35 03			
*14	eP		10 59 54			
*14	eP		11 31 51			
*14	eP		20 36 56			
*15	eP		02 02 40			
*15	eP		21 33 04			
16-17			NIL			
*18	eP		09 33 52			
*18	eP		19 11 59			
*19	iP		02 35 09.0			
	eS		37 23			
*20	eP		05 41 24			
*20	eP		14 40 25			
21	eP		08 53 56			
*22	eP		07 55 06			

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

FEBRUARY.

*22	eP		08 00 46		
22	eP		17 38 36		
	eS		38 46		
*22	eP		18 37 03		
	e		38 47		
*23	eP		09 11 59		
*23	eP		09 50 40		
*23	eP		15 30 52		
*23	eP		18 13 58		
*24	eP		04 24 17		
*24	eP		13 31 29		
*24	eP		14 32 21		
25	eP		06 44 32		
*25	eP		16 43 31		
26	eP		14 37 10		
	e		40 52		
27			NIL		
28	eP		10 10 15		
	eS		13 56		
29			NIL		

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AUSTRALIA
PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

MAR 1976

CODE MUN

LATITUDE $31^{\circ} 58.7' S$
ELEVATION 253 m

LONGITUDE $116^{\circ} 12.5' E$
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	<u>15</u>	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 1976	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u>						
<u>MARCH.</u>						
01	iP	C	06 53 42.7			Local
	eS		53 52.5			
*02	iP	C	10 59 13.8	0.9	140mu	2.2
*03	iP	C	22 55 24.0	0.9	800mu	3.0
*04	iP	C	02 58 42.1			
04	eP		08 23 18			
04	eP		16 09 27			
04	eP		19 18 36			
04	eP		21 08 04			
*05	eP		23 33 00			
*06	eP		11 13 47			
*06	eP		14 14 41			
*06	eP		17 29 53			
*07	eP		03 13 59			
*07	eP		03 35 37			
*08	eP		04 48 46			
*08	iP	D	11 48 55.6			
*08	eP		17 41 21			
*08	iP	C	20 15 23.0			
*09	eP		10 25 41			
*10	eP		02 54 53			
*10	eP		09 08 46			
11			NIL			
12			NIL			
*13	eP		04 10 11			
*13	eP		05 30 49			
*14	eP		12 49 25			
*15	eP		15 40 32			
*15	eP		15 41 56			
	eS		42 37			
*16	eP		05 25 13			
	eS		30 43			
*16	eP		07 41 19			
*17	eP		21 53 49			
17	eP		22 42 26			
	eS		42 35			
17	eP		22 52 07			
	eS		52 26			
18			NIL			
*19	eP		09 50 51			
*19	eP		13 15 55			
*20	eP		13 56 29			
*20	eP		18 07 44			
*20	eP		18 14 15	0.9	90mu	2.0
*21	eP		08 30 06			
*21	eP		11 02 29			
*21	eP		17 58 56			
22	eP		05 32 58			Local
*23	eP		12 55 38			
*23	iP	C	14 44 44.1			
*24	iP	C	04 55 39.0			
*24	iP	C	09 58 25.4			
*24	eP		14 08 17			
*25	eP		08 24 41			
*25	eP		08 49 10			
*25	eP		16 19 39			
*25	eP		17 06 05			
*25	eP		18 27 55			Local

Date 1976	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (2)

MARCH.

26			NIL			
*27	eP		02 44 40			
*27	eP		06 20 54			
*27	eP		08 55 53			
*27	eP		19 51 28			
*28	eP		01 51 33			
*28	eP		23 59 42			
*29	eP		05 59 10			
30			NIL			
*31	eP		12 32 49			
*31	eP		21 28 31			
	e		28 39			
	eS		29 08			
	e		29 21			

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PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

APR 1976

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	<u>15</u>	100	750 800 at 25 Sec.
LP N	15	100	375 400 at 25 Sec.
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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 1976 Phase Dir. G.M.T. Per. (Sec.) Amp. LogA/T



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MUNDARING (MUN)

APRIL.

*01	eP		21 12 43	0.8	153mu	2.2
*02	eP		20 45 42			
03			NIL			
*04	eP		07 37 56			
*04	eP		17 51 28			
05	eP		08 53 12			Local
	eS		53 25			
*05	eP		17 06 02			
*05	eP		21 33 19			
*06	eP		13 57 18			
*07	eP		04 37 04			
*07	iP	C	07 19 39.5			
*07	eP		12 16 40			
*08	iP	C	02 53 08.9			
*08	eP		03 11 47			
*08	eP		10 47 51			
*09	eP		07 28 26			
*09	eP		09 10 10			
*09	eP		11 42 01			
*10	eP		01 25 18			
*10	eP		04 33 04			
*10	iP	D	17 21 24.2			
11			NIL			
*12	iP	D	05 59 01.0			
13			NIL			
*14	eP		07 55 43			
*14	eP		15 31 50			
*14	eP		17 16 50			
15			NIL			
16	eP		16 59 43			
17			NIL			
*18	e(P)		19 53 23			
	e(S)		55 44			
*19	eP		19 12 51			
	e(S)		18 25			
*20	eP		08 38 39			
*21	eP		19 03 09			
*21	eP		19 18 34			
*21	eP		20 34 48	1.0	87mu	2.0
*22	eP		17 15 45			
*23	eP		08 45 18	0.8	65mu	1.9
23	eP		09 12 19			
	eS		12 30			
23	eP		17 26 32			
24			NIL			
25	eP		22 25 21			
*26	eP		22 01 34			Local
	eS		05 20			
*27	eP		10 26 50			
*27	eP		15 18 44			
28	eP		07 50 52			
*28	eP		08 06 23			
*29	eP		06 42 31			
*29	eP		12 50 21			
30	eP		00 15 31			
30	eP		05 36 28			

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BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS
MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

MAY 1976

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

Date 1976	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T	
<u>MUNDARING (MUN)</u>							
MAY.							
01			NIL				
*02	eP		14 07 01				
*02	eP		15 56 16				
*02	iP	D	17 34 34.4				
03	eP		06 47 35				Local
*03	eP		14 01 48				
*04	eP		14 04 14				
*05	iP	C	05 02 26.1				
06-07			NIL				
08	iP	D	00 54 57.5				Local
*09	eP		05 21 59				
09	eP		07 57 06				Local
	eS		57 21				
*09	eP		20 52 44				
10			NIL				
11	eP		09 27 12				Local
	eS		27 30				
*11	eP		10 06 47				
11	eP		10 29 23				Local
	eS		29 40				
11	eP		10 54 37				Local
	eS		54 54				
*11	eP		11 34 37				
*11	eP		15 56 13				
*12	eP		23 15 49	1.1	100mu	2.0	
*13	eP		07 11 22				
*14	eP		13 34 13	0.9	300mu	2.5	
15			NIL				
*16	eP		13 42 29				
*16	eP		22 22 15				
*17	eP		03 11 26				
17	eP		09 17 41				Local
*17	eP		22 04 19				
*18	eP		05 03 55				
*18	eP		06 47 55				
*18	eP		16 45 03				
19	eP		00 12 32				
*19	iP	C	02 33 52.6				
*19	eP		04 09 14				
*19	eP		04 26 44				
*19	eP		19 15 32				
*20	eP		05 09 50				
*21	iP	D	04 18 04.9				
*21	eP		06 49 33				
*22	eP		03 02 04				
*22	iP	C	03 08 20.9				
*22	eP		08 07 25				
*22	eP		09 59 13				
*22	eP		10 19 59				
*22	eP		16 09 05				
*23	eP		05 08 20				
*23	iP	C	06 09 14.9				
*23	eP		16 51 31				
*24	iP	D	22 57 27.6				Local
*25	eP		03 37 31				
*25	eP		16 21 44				

MUNDARING (MUN)

Cont. (2)

MAY.

26			NIL
*27	eP		07 58 12
*28	eP		07 40 47
*28	eP		08 16 19
*28	eP		09 01 32
*29	iP	C	12 33 18.7
*29	iP	C	14 10 21.8
*30	eP		03 03 09
*31	eP		05 18 29

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MUNDARING GEOPHYSICAL OBSERVATORY
AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

JUN 1976

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.
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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.



Date 1976	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u>						
JUNE.						
*01	eP		14 23 27	0.7	36mu	1.7
*01	eP		22 40 42			
*02	eP		04 29 02			
*02	eP		10 33 58			
*02	eP		10 59 19			
*03	eP		10 32 54	0.7	50mu	1.9
*03	eP		13 54 12			
*03	eP		16 52 36			
	e		52 42			
*03	eP		21 14 41	0.8	83mu	2.0
03	eP		04 04 57			
*04	eP		04 35 08			
*05	eP		08 28 32			
*06	eP		03 40 55			
*06	eP		11 59 55			
*06	eP		21 02 32			
*07	eP		07 45 20			
*07	eP		09 29 33			
*07	eP		14 46 09			
*07	eP		21 01 19			
*07	eP		21 57 17			
*08	eP		14 03 00			
*09	eP		00 30 40			
*09	eP		14 31 34			
	e		33 31			
*09	eP		16 38 27			
*10	eP		05 04 44			
11	eP		07 58 58			
*11	eP		15 34 52			
*11	eP		20 07 17			
*12	●P		03 10 54			
*12	eP		05 37 26			
*12	eP		11 21 25			
*12	eP		23 12 18			
*13	eP		14 06 36			
	eS		10 08			
*13	eP		15 32 06			
	eS		36 00			
*13	eP		18 42 34			
14			NIL			
*15	eP		06 16 09			
*15	eP		19 29 27			
16	iP		03 14 09.8			Local
	eS		14 20			
*16	eP		20 59 59			
17	eP		08 56 38			Local
	eS		56 56			
18	eP		00 58 32			
	e		58 46			
*19	eP		15 09 27			
*20	eP		04 47 53			
*20	eP		21 00 47			
*21	iP	D	07 25 08.8			
22			NIL			
*23	eP		10 55 44			
*23	eP		13 57 05			

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

MUNDARING (MUN) Cont. (2)

JUNE.

24	eP		03 06 52			
	e		06 55			
	eS		07 07			
*24	eP		06 07 06			
*25	eP		07 57 44			
	e		59 02			
*25	eP		19 25 52			
*25	eP		20 48 25			
26	eP		02 10 15			
*26	eP		10 38 06			
*27	eP		01 23 32			
*27	eP		19 19 23			
*27	eP		20 52 04			
*28	eP		04 36 07			
*28	eP		11 32 28			
*29	iP	D	18 39 33.9			
*30	eP		02 39 39			
*30	eP		14 51 12			

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

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS
MUNDARING GEOPHYSICAL OBSERVATORY
AUSTRALIA



PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

JUL 1976

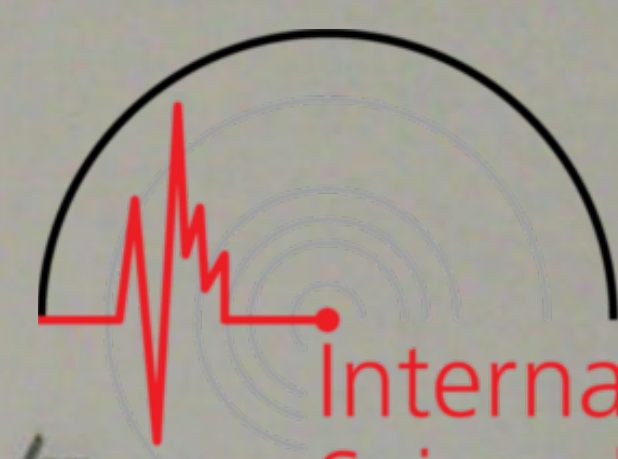
CODE MUN

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.



Date 1976	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u>						
JULY.						
01			NIL			
02	eP		11 21 50			
*03	eP		16 43 20			
*04	eP		19 10 26			
*05	eP		20 57 56			
06-09			NIL			
10	eP		11 49 58			
*11	iP	C	17 14 23.3			
*11	iP	C	21 01 39.2			
*12	eP		15 02 58			
13			NIL			
*14	iP	C	07 18 33.0			
	eS		22 47			
14	eP		10 28 56			
15	eP		06 19 46			
	eS		20 13			
16	iP		04 04 54.0			
	eS		05 28			
*16	iP	C	04 11 22.1	0.8	69mu	1.9
*17	eP		05 39 35			
17	iP		06 21 27.0			
	eS		21 36			
*17	eP		21 14 35	0.9	193mu	2.3
	eS		21 04			
*18	eP		21 43 04			
19	eP		08 58 03			
	eS		58 06			
*19	eP		20 57 56			
20			NIL			
21	eP		15 20 47			
*22	eP		16 55 14			
*22	eP		21 12 09			
*23	eP		16 53 31			
*24	eP		01 42 09			
*24	eP		06 25 19			
25			NIL			
*26	eP		03 03 50			
*27	eP		09 18 09			
*27	iP	D	19 54 14.5			
*28	iP	C	10 56 53.3			
28	eP		17 23 53			
	eS		29 52			
29-30			NIL			
*31	iP	D	00 56 33.3			

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

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS
MUNDARING GEOPHYSICAL OBSERVATORY
AUSTRALIA



PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

AUG 1976

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.

DEC 8 1976



Date 1976	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
<u>MUNDARING (MUN)</u>						
AUGUST.						
01			NIL			
*02	iP	C	11 04 04.5			New Hebrides
02	eP		22 21 53			
*03	eP		01 46 51			
03	eP		07 38 42			
	eS		39 00			
03	eP		08 49 48			
	e(S)		50 06			
*04	eP		23 31 42			
	e		32 11			
05	eP		00 40 53			
	eS		41 11			
*05	eP		04 05 33			Explosion
	eS		06 08			
05	eP		08 02 26			
	eS		02 44			
*05	eP		13 45 15			
06			NIL			
07	iP		07 53 29.1			
	eS		53 38			
08	eP		03 11 10			Local
	eS		11 42			
08	eP		09 29 36			
	eS		30 38			
08	eP		12 21 23			
	eS		21 54			
*08	eP		13 54 56			
09	eP		13 15 12			
09	eP		17 21 35			
10			NIL			
*11	eP		04 38 25			
*11	eP		14 07 53			
*11	eP		23 05 04			
*12	iP	D	10 08 17.4			
*12	iP	C	21 00 20.1			
*12	iP	D	23 37 00.8			
*13	eP		08 57 45			
13	eP		22 08 12			Local
14			NIL			
*15	iP	C	17 10 07.3			
*15	eP		22 41 59			
16	eP		06 06 13			
	eS		06 23			
*16	iP	C	14 17 28.6	1.0	440mu	2.6 China
*16	iP	C	16 18 29.8			Philippines
16	iP	D	22 57 09.4			
17	eP		01 19 07			
17	eP		04 06 25			
*17	eP		04 26 58			
17	eP		05 26 13			
*17	eP		18 13 58			
*18	eP		01 59 33			
*18	eP		20 35 01			
*19	eP		19 12 38			
20			NIL			
*21	iP	D	07 02 28.7			
21	eP		08 47 20			
*21	iP	C	22 00 33.8			



Date 1976	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (2)

AUGUST.

*22	eP		20 12 41			
*22	eP		21 18 57			
*23	iP	C	03 40 46.3			
	eS		49 38			
*23	eP		03 50 06			
24			NIL			
*25	eP		12 38 12			
26-28			NIL			
*29	eP		02 13 14			
29	eP		02 52 04			
*29	eP		06 29 54			
29	eP		20 34 10			
	eS		34 20			
*30	eP		02 07 26			
*30	iP	C	08 46 00.9			
	e		47 40			
*30	eP		17 11 12	LZ	20.0	17 u
				LN	20.0	66 u
				LE	20.0	51 u
*31	eP		09 16 20			
*31	eP		13 31 54			

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

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS
MUNDARING GEOPHYSICAL OBSERVATORY
AUSTRALIA



PRELIMINARY SEISMOLOGICAL BULLETIN
MUNDARING

SEP 1976

CODE MUN

LATITUDE $31^{\circ} 58.7' S$
ELEVATION 253 m

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

Date 1976 Phase Dir. G.M.T. Per. (Sec.) Amp. LogA/T

MUNDARING (MUN)

SEPTEMBER.

*01	iP	C	13 34 07.9
02			NIL
*03	eP		10 07 44
*04	eP		05 13 49
*04	eP		11 50 22
05	eP		05 31 29
05	eP		06 25 24
*05	eP		20 38 29
*06	eP		04 05 43
*07	iP	D	04 47 59.5
*07	iP	C	10 18 03.4
*07	iP	D	22 14 20.5
*08	iP		02 19 15.5
*08	iP	D	09 22 27.1
*08	iP		11 35 58.5
*08	iP	C	20 06 05.6
*08	eP		20 24 31
*09	eP		07 59 08
*09	eP		15 32 22
*10	eP		05 07 21
*10	eP		19 23 19
*11	eP		07 34 15
*12	iP	D	06 28 17.5
*12	iP		18 10 13.5
13	eP		21 55 05.5
*14	iP	D	06 54 33.7
*14	iP	D	15 14 08.9
*14	iP	C	18 58 51.1
*14	iP	D	22 32 58.6
*14	eP		22 56 18
	eS		03 19
*15	iP	C	12 52 17.8
15	iP	D	19 50 01.9
	eS		50 14
*16	eP		09 14 30
*16	eP		11 33 50
17			NIL
*18	eP		01 28 57
*18	iP	D	13 18 44.6
*19	iP	C	21 17 33.4
*20	eP		15 12 09
*21	eP		02 27 22
*21	eP		20 58 38
*21	eP		21 09 25
*22	eP		16 27 07
*22	eP		20 18 27
*23	iP	C	00 40 59.2
*23	eP		15 00 02
*23	eP		20 29 48
*23	iP	D	22 30 09.7
24			NIL
25	eP		01 44 46
*25	eP		03 37 29
*25	eP		14 21 51
*26	eP		14 44 03
*27	eP		12 53 03
28	eP		14 32 15
	eS		32 37

0.8 53mu 1.8

Local

New Guinea

Date	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
1976						



MUNDARING (MUN) Cont. (2)

SEPTEMBER.

*29	iP	D	03 18 35.3			
*29	eP		14 58 04			
*29	iP	D	18 58 31.2			
*29	eP		20 20 21			
*29	eP		21 09 59			
30	eP		06 16 33			
	eS		16 52			
*30	eP		23 43 48			

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

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS
MUNDARING GEOPHYSICAL OBSERVATORY
AUSTRALIA



PRELIMINARY SEISMOLOGICAL BULLETIN
MUNDARING

OCT 1976

CODE MUN

LATITUDE $31^{\circ} 58.7' S$
ELEVATION 253 m

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

DEC 22 1976

Date 1976 Phase Dir. G.M.T. Per. (Sec.) Amp. LogA/T



International
Seismological
Centre

MUNDARING (MUN)

OCTOBER.

*01	iP	C	07 23 20.0	0.9	211mu	2.4
01	eP		09 14 16			
	eS		14 34			
*01	eP		11 53 26			
*02	eP		13 56 44			
*02	eP		22 03 35			
*03	eP		08 01 54			
*04	eP		23 55 43			
*05	eP		01 11 23			
*05	eP		16 56 04			
*05	iP	D	18 10 11.9			
*06	eP		09 32 12			
*06	eP		13 50 02			
07			NIL			
*08	eP		21 14 28			
09	eP		04 05 18			
*09	eP		09 26 28			Local
*09	eP		12 51 01			
*09	eP		22 15 52			
10			NIL			
*11	eP		06 37 35			
*11	eP		21 12 24	0.8	44mu	1.7
*12	iP	D	00 49 13.3	1.2	805mu	2.7
12	eP		05 17 14			
	eS		17 32			
*12	eP		07 58 56			
13	eP		09 31 27			
	eS		31 45			
*14	eP		04 42 03			
*14	eP		07 10 06			
*14	eP		17 30 01			
14	iP	D	18 32 57.2			
	i		33 09.5			
14	iP	D	22 04 29.4			
*15	eP		01 00 20			
15	eP		07 37 56			
	eS		38 05			
15	eP		07 39 17			
						Koolyanobbing explosion
*15	eP		16 57 57			
*16	iP	D	08 49 50.2			
	e		50 41			
16	eP		18 13 36			
	eS		14 47			
17-18			NIL			
*19	iP	D	13 04 43.8			
20	iP	C	12 11 19.0			
*20	eP		17 13 23			Meckering
*21	eP		11 15 23			
	eS		17 34			
*22	eP		16 28 44			
*23	iP	C	16 01 39.5			
	e		03 24			
*24	eP		02 13 50			
*24	eP		02 20 19			
	eS		25 05			
*24	iP	D	05 12 26.4			
*24	eP		06 56 24			

200 km SW of
Dirk Hartog Island



Date 1976	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
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MUNDARING (MUN) Cont. (2)

OCTOBER.

*24	eP		14 53 43			
*24	eP		20 29 31			
25	eP		03 12 15			
	eS		12 33			
26	eP		06 38 58			
	eS		39 17			
*26	iP	C	12 58 50.9			
*27	iP	C	00 25 21.5			
*27	eP		04 23 02			
*27	e(P)		04 27 08			
*27	eP		05 05 53			
28			NIL			
*29	eP		02 58 01			
*29	eP		04 02 15			
*29	iP	D	06 05 02.0			
	eS		05 12			
*30	iP	C	08 15 15.5			
*30	eP		09 32 17			
*31	eP		12 19 36			
*31	eP		18 53 11			

Irian Jaya
M 7.3

Meckering
ML 4.7

1.0 140mu 2.1

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

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS
MUNDARING GEOPHYSICAL OBSERVATORY
AUSTRALIA



PRELIMINARY SEISMOLOGICAL BULLETIN
MUNDARING

NOV 1976

CODE MUN

LATITUDE $31^{\circ} 58.7' S$
ELEVATION 253 m

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



International
Seismological
Centre

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

MUNDARING (MUN)

NOVEMBER.

*01	eP		07 00 35			
*02	eP		01 46 58			
*02	eP		04 41 36			
*02	eP		07 19 52			
*03	eP		10 02 23			
*03	eP		20 37 45			
*04	eP		16 53 32			
*04	iP	D	17 15 55.1			
05			NIL			
*06	eP		18 14 21			
*07	eP		02 09 53			
*07	eP		03 51 55			
	eS		55 15	0.4	1.6mu	0.6 Regional
*07	iP	D	17 16 48.9			
*07	iP	D	20 56 42.6			
*08	eP		08 31 01			
*08	iP	D	10 56 20.3			
*09	eP		10 30 41			
*10	eP		17 36 03			
11			NIL			
*12	eP		23 11 05			
13			NIL			
*14	eP		06 56 15			
*14	eP		13 40 16			
*14	eP		15 16 53			
*14	eP		22 10 14			
*15	e(P)		02 07 20			
	e		08 52			
*15	eP		14 04 19			
*16	eP		15 44 13			China
*17	iP	C	13 58 46.5			
*17	iP	C	17 35 08.8			
*18	eP		03 32 08			
*18	eP		05 50 13			
19			NIL			
*20	iP	θ	09 10 30.5			
*21	eP		17 41 27			
*22	eP		18 17 09			
23	eP		05 15 51			
*24	eP		12 35 50			
*25	iP	C	11 12 05.6			
*25	eP		14 16 00			Local
*26	iP	D	10 00 21.8			
*27	eP		04 09 21			
*27	eP		21 54 02			
*28	eP		12 55 15			
	eS		58 59			
*28	eP		18 37 37			
	eS		40 05			
*29	eP		07 47 02			
*29	eP		18 01 46			
*30	eP		00 59 46			
				1.2	435mu	2.6
*30	eP		06 15 54	LZ	20.0	154 u
	eS		20 20			

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

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS
MUNDARING GEOPHYSICAL OBSERVATORY
AUSTRALIA



PRELIMINARY SEISMOLOGICAL BULLETIN
MUNDARING

DEC 1976

CODE MUN

LATITUDE $31^{\circ} 58.7' S$
ELEVATION 253 m

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



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

DECEMBER.

*01	eP		14 35 21			
*02	eP		16 20 36			
02	eP		21 51 54			
*03	iP	D	04 05 32.0			
	eS		05 17			
*04	iP	D	14 30 16.2			
*04	eP		15 38 53			
*04	eP		21 31 44			
*04	eP		22 50 44			
*05	eP		14 29 21			
*05	eP		17 21 51			
*05	eP		22 11 18			
06			NIL			
*07	iP	C	07 09 49.9			
*07	eP		11 25 52			
*07	eP		12 18 44			
08			NIL			
*09	eP		16 04 31			
*10	eP		23 14 01			
*11	eP		17 40 22			
*11	eP		18 16 16			
*12	iP	D	01 18 33.2			
*12	eP		05 29 57			
*12	eP		13 00 12			
*13	eP		06 14 22			
*13	eP		06 47 11			
*14	eP		16 16 59			
*14	eP		22 21 25			
	eS		24 07			
*15	eP		03 25 47			
*15	eP		07 20 55			
*15	eP		23 04 52			
*16	eP		12 40 08			
17			NIL			
18			NIL			
*19	eP		01 01 48	0.9	96mu	2.0
*19	eP		09 19 58			
*19	eP		10 57 06			
20			NIL			
*21	eP		00 03 34			
*21	iP	D	04 25 00.0			
*21	eP		19 37 00			
*22	eP		01 11 51			
*22	eP		20 34 32			
	e		35 12			
23			NIL			
*24	eP		10 20 12			
*25	eP		10 58 28			
*25	eP		21 31 06			
26			NIL			
*27	eP		13 31 32			
*27	eP		16 21 45			
*27	eP		20 29 15			
*28	eP		14 10 51			
*29	eP		14 47 56			
*29	eP		19 10 35			
	eS		14 40			
*30	iP	C	18 35 34.0			
30	eP		20 10 18			