

A proposed branch drain will take off the last described main drain on portion 18, parish of Greaves, near its northern boundary, and will run in a generally south-westerly direction for a distance of about 5 miles 45 chains, and will pass through portions 18 and 9, parish of Greaves; portions 48, 13, 50, 37, 35, and 5, parish of Carraa; and terminate on portion 6, in the same parish.

Another proposed branch drain will take off the last described main drain on portion C.L. 4,127, parish of Balerang, and run in a generally north-westerly direction for a distance of about 2 miles, and will pass through portions C.L. 4,127, 45, 6, and 32, parish of Balerang, and terminate on a 3-chain road, in the same parish.

Another proposed main drain will start at the distributing tank on portion A.W., parish of Greaves, and will run in a generally westerly direction for a distance of about 12 miles 60 chains, and will pass through portions A.W., 19, 20, 21, 19 again, 21 again, 22, and 23, parish of Greaves; portions 7, 5, and 6, parish of Brigalow; portion 7, parish of Coubal, and terminate on portion 6, in the same parish.

A proposed branch drain will take off the last described main drain on portion 7, parish of Brigalow, near the northern boundary, and will run in a south-westerly direction for a distance of about 37 chains 21 links, and terminate on the said portion 7.

Another proposed branch drain will take off the last described main drain on portion 5, parish of Brigalow near its southern boundary, and will run in a generally westerly direction for a distance of about 1 mile, and will terminate on the said portion 5.

The total length of the proposed drains will be 42 miles 22 $\frac{1}{4}$  chains, or thereabouts, subject to such deviation and modification of route as may hereafter be deemed necessary.

(IV.) *Estimated Cost of Proposed Works*:—£5,585.

- (c) *Rate of interest, which shall be paid by the Trust*:—£4 per centum per annum.
- (d) *Charges to be paid by the Trust for Water to be supplied by the Crown, and the conditions of such Supply*:—No water is proposed to be supplied by the Crown.
- (e) *Maximum rate which may be assessed by the Trust*:—Sixpence per acre per annum.
- (f) *Description of the Trust District*:---

*Welbondonga Bore Water Trust District.*

All that area or tract of country, comprising parts of the parishes of Tala, Balerang, Coubal, Brigalow, Greaves, Carraa, and Wadden, county of Benarba, and parts of the parishes of Kinnimo and Gunnyanna, county of Staphylton: Commencing at the north-western corner of portion 7, parish of Tala, county of Benarba; and bounded thence generally on the north-west by the western, the northern, and part of the eastern boundary of portion 6, to a point west of the south-western corner of portion 40, parish of Balerang, a line, the

southern, and an eastern boundary of portion 40, part of the northern boundary of portion 25, the westernmost, and part of the northernmost boundary of portion 33, to its intersection with the south-eastern side of a reserved road running through the said portion 33, a line, the south-eastern side of a reserved road 3 chains wide running through portion 32, a line, the southern boundary of portion 3, parish of Coubal, a southern and part of an eastern boundary of portion 29, a southern and an eastern boundary of portion 28, a line north to the southern boundary of portion 1, part of the southern and the western boundary of portion 1, a line north to a southern boundary of portion 10, part of a southern boundary of portion 10, the southern, the south-eastern, and the eastern boundary of portion 9, the northern boundary of portion 7, an eastern boundary of portion 10, and an eastern boundary of portion 24 ; thence generally on the north by a southern boundary of portion 24 aforesaid, the southern boundary of portion 10, parish of Brigalow, the southern boundaries of portions 13, 14, and 15, parish of Whalan, part of the western and the southern boundary of portion 1, parish of Greaves, part of a western, a southern, another western, and another southern boundary of portion 10, and a line east to a north-western boundary of portion 7, parish of Kinnimo, county Stapylton ; thence generally on the east by part of a north-western and part of a southern boundary of portion 7 aforesaid, a western, a northern, and a south-western boundary of portion 10, the south-western and part of the western boundary of portion 17, parish of Gunnyanna, to a point east of the north-eastern corner of portion 49, parish of Carraa, county of Benarba, a line, the northern and the western boundary of portion 49 aforesaid, part of the south-western boundary of portion 50, to a point north of the north-eastern corner of portion 37, a line, and the eastern boundary of portion 37 ; thence generally on the south by the southern and part of the western boundary of portion 37 aforesaid to a point east of the south-eastern corner of portion 35, a line, the southern boundary of portion 35, a line, an eastern, a southern, another eastern, another southern, another eastern, another southern, a western, a south-western, and part of another western boundary of portion 6, a southern boundary of portion 5, a southern, an eastern, another southern, and part of the western boundary of portion 17, to a point east of the north-eastern corner of portion 4, parish of Wadden, a line, the northern boundary of portion 4, part of the eastern and the northern boundary of portion 2, the northern and a western boundary of portion 10, part of the northern and the western boundary of portion 9, part of a western boundary of portion 1, the northern boundary of portion 34, a line west to the eastern boundary of portion 14, parish of Balerang, part of the eastern and the southern boundary of portion 14 aforesaid, the southern boundary of portion 15, a line west to the eastern boundary of portion 42, part of the eastern, the northern, and the western boundary of portion 42, part of the western boundary of portion 31, to a point

east of the south-eastern corner of portion 35, a line, a southern, an eastern, and another southern boundary of portion 35, the southern boundary of portion 22, a line to the north-eastern corner of portion 38, the northern boundary of portion 38, a line to the north-eastern corner of portion 7, parish of Tala, and the northern boundary of portion 7 aforesaid, to the point of commencement ; and having an area of  $103\frac{1}{2}$  square miles or thereabouts.

- (g) *Number of Trustees, being either three or five* :—Three.  
 (h) *Number of years within which the cost of the work shall be extinguished by a sinking fund* :—Twenty-eight years.

Given under my hand, at Sydney, this 16th day of March, in the year one thousand nine hundred and six.

CHARLES A. LEE,  
 Secretary for Public Works.

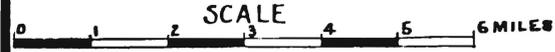
NOTE.—Section 8 of the Act enacts that if, within eight weeks of the notification of any proposal, “a petition is presented to the Minister signed by at least one-third in number of the occupiers of Crown land, including homestead selectors, conditional lessees, and settlement lessees, and owners of other land within the proposed Trust District, objecting to the proposal, he shall refer the proposal to the Board for inquiry and report.”

Section 9 reads—

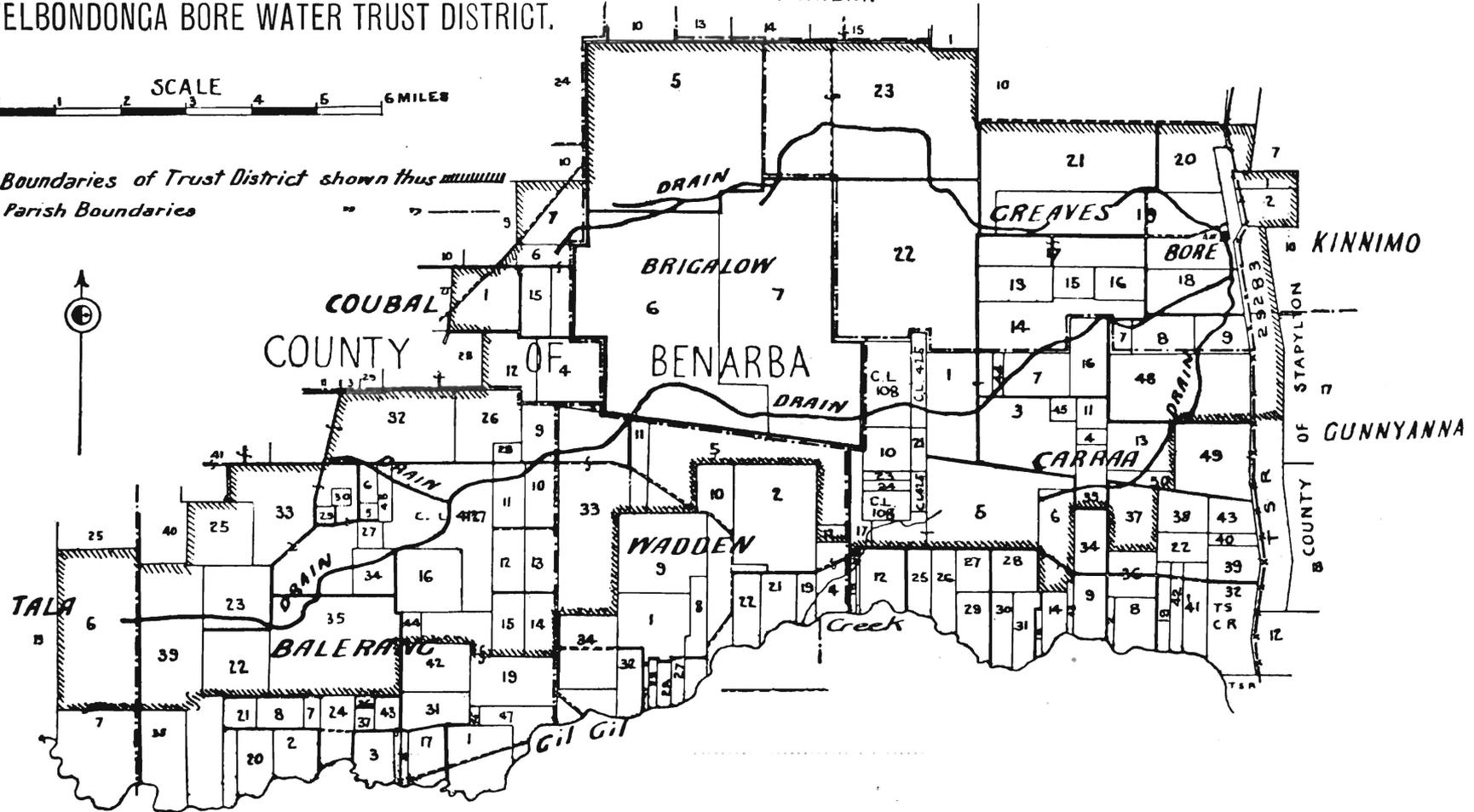
- (1) If within the said period no such petition is received, or if the Board reports in favour of the proposal, with or without modifications, the Governor may constitute the Trust with such modifications of the proposal as the Board may recommend, or, where no reference is made to the Board, with such modifications as the Minister may think fit.
- (2) The constitution of the Trust shall be notified by the Minister in the *Gazette*.
- (3) Upon such notification the conditions of the proposal, with such modifications (if any) as aforesaid, shall be binding on the Trust and on the Crown ; and the Minister may, out of the funds raised under this Act, carry out the works described in the proposal.

# VELBONDONGA BORE WATER TRUST DISTRICT.

WHALAN



Boundaries of Trust District shown thus Parish Boundaries " "



APPENDIX C.

DEPARTMENT OF PUBLIC WORKS, N.S.W.  
Rivers, Water Supply, and Drainage, 1905-6. No. 40.

**Tender for Sinking an Artesian Bore in the Welbondonga Bore Water Trust District.**

IN pursuance of advertisement in the *Government Gazette* (I or we), the undersigned, do hereby tender to provide the Material, Plant, &c., and perform the various works required in and about the full and proper Sinking and Casing of an Artesian Bore in the Welbondonga Bore Water Trust District, agreeably to the Plans, Specification, and General Conditions, which have been inspected by (me or us), at \_\_\_\_\_ per cent.\*  
the printed Prices affixed to each item in the Schedule of Prices annexed hereto, and by which (I or we) do hereby agree that any additions to or deductions from the said works shall be paid or allowed for, as the case may be, or if not in Schedule at a price to be agreed upon at the time, and to complete the same within \_\_\_\_\_ weeks from date of notification of acceptance of Tender, as set forth in the said General Conditions; and (I or we) do hereby undertake that (I or we) will, within fourteen days from the date of notification of the acceptance of the said Tender, execute and deliver to the Minister for Public Works a valid legal Contract with His Majesty the King, embodying the Terms and conditions above mentioned, and to provide the security required by Clause 28 of the said General Conditions; and (I or we) enclose herewith (my or our) cheque for the sum of £ \_\_\_\_\_ as a preliminary Deposit; and (I or we) agree that such sum shall be absolutely forfeited if (I or we) at any time within thirty days after the said Tender is opened withdraw the same, or if, in the event of this Tender being accepted, (I or we) fail to complete the above-mentioned Contract document within fourteen days thereafter; and further, that this Tender is made subject to the Conditions contained in the Tender Board Regulations printed on the back hereof, and by which (I or we) agree to be bound.

\*Here insert "above" or "below" as the case may be, or erase the words "per cent." if tenderer is desirous of abiding by the prices as given in Schedule.

Security deposit.

Preliminary deposit.

Insert date. DATED this \_\_\_\_\_ day of \_\_\_\_\_ 1906.

Signature of party or firm tendering here. with address.

If a firm, the names of the individual members of firm to be stated here

Contractors are not to fill in nor sign here when tendering

This is the Tender marked " \_\_\_\_\_," referred to in annexed Agreement with His Majesty the King, dated the \_\_\_\_\_ day of \_\_\_\_\_ A.D. 1906.

Witness—

NOTE, --ALL BLANKS MUST BE FILLED IN.

Witness

THIS is the SCHEDULE OF PRICES hereinbefore referred to:—

No.	Description of Work.	Unit.	Rate.		
			£	s.	d.
1	Boring from natural surface to a depth of 1,000ft. ...	lin. ft.	0	11	0
2	Boring from 1,000 to 1,500ft. deep ... ..	do	0	12	6
3	Boring from 1,500 to 2,000ft. deep ... ..	do	0	13	0
4	Boring from 2,000 to 2,500ft. deep ... ..	do	0	14	0
5	Boring from 2,500 to 3,000ft. deep ... ..	do	0	16	0
6	Boring from 3,000 to 3,500ft. deep to suit 6in. casing ...	do	0	19	0
7	Boring from 3,000 to 3,500ft. deep (alternative price) to suit 5in. casing or liner... ..	do	0	16	3
8	Boring from 3,500 to 4,000ft. deep to suit 6in. casing ...	do	1	4	0
9	Boring from 3,500 to 4,000ft. deep (alternative price) to suit 5in. casing or liner... ..	do	1	1	3
10	Carriage of 8in. and 10in. casing from Walgett Depôt to site	ton	5	15	6
11	Carriage of 8in. and 10in. casing from Moree Depôt to site	do	2	17	0
12	Supply at site of 8in. shoe ... ..	each	3	2	6
13	Do do 10in. do ... ..	do	4	0	0
14	Fixing <i>in situ</i> 8in. or 10in. casing, and shoes, including supply, delivery, and fixing of fitting lengths ... ..	lin. ft.	0	1	0
15	Supply, delivery, and fixing <i>in situ</i> 6in. casing, shoe, and fitting length, including perforating if required ...	do	0	4	6
16	Supply, delivery, and fixing <i>in situ</i> 5in. casing, shoe and fitting length, including perforating if required ...	do	0	3	6
17	Fixing <i>in situ</i> 5in. liner, supplied by Department at site...	do	0	1	0
18	Supply, delivery, and fixing <i>in situ</i> bed logs, with W.I. dogs round bore head... ..	lump sum	10	0	0
19	Supply, delivery, and fixing <i>in situ</i> closing gear ... ..	do	13	0	0
20	Carriage of unused 8in. and 10in. casing from site to Depôt in Moree... ..	ton	2	17	0

Contractors are not to fill in nor sign here when tendering.

THIS is the Schedule of Prices marked, “ ” referred to in annexed Agreement with His Majesty the King, dated the day of A.D. 1906.

Witness—

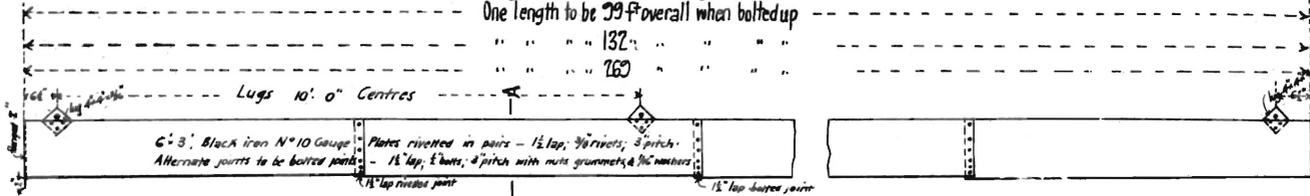


# Details of Fluming and Supports.

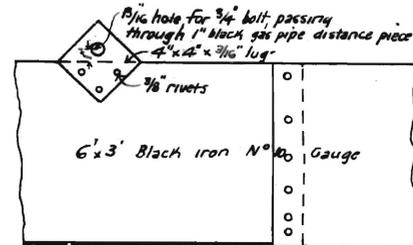
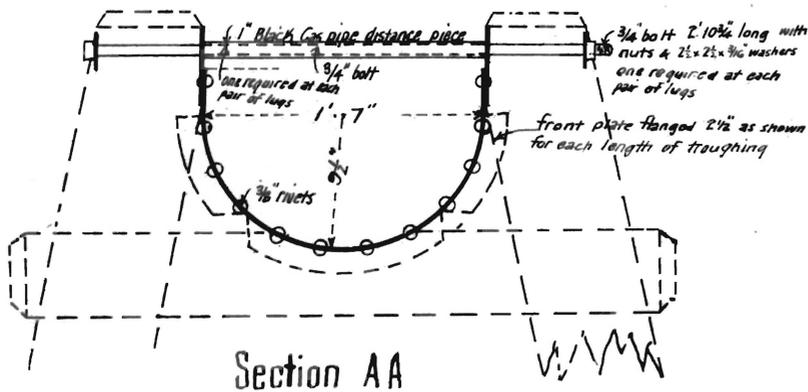
## Fig 1.

3 lengths of W.I. Fluming required complete as shown

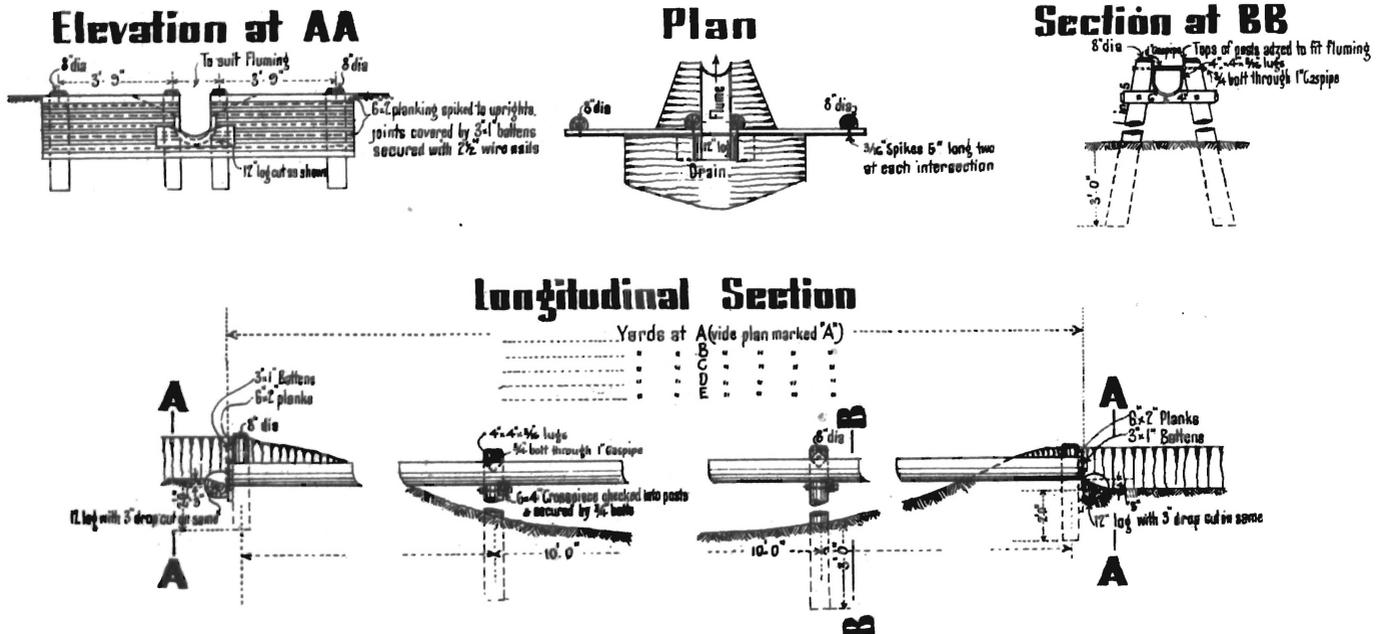
One length to be 39' overall when bolted up



N.B. Ironwork to be coated with hot coal tar, coating to be of uniform thickness



## Fig 2.



## APPENDIX F.

Table I of Weir Discharges for Artesian Bores.

CALCULATED from Francis' formula:  $Q = \left\{ 3.332 (L - 0.2 H) H^{\frac{3}{2}} \right\} \times 6.2321 \times 60 \times 60 \times 24.$

Where Q = discharge in gallons per 24 hours.

H = depth of water on weir in feet.

l = width of weir.

Weir, 1' 0" wide.

Depth of water on weir.		Discharge.		Depth of water on weir.	Discharge.	Depth of water on weir.	Discharge.				
		Cusecs.	Gallons per 24 hours.				Cusecs.	Gallons per 24 hours.	Cusecs.	Gallons per 24 hours.	
Inches.				Inches.		Inches.					
1	1.00	0.0788	42,441	$3\frac{3}{8}$	3.37	0.4690	252,552	$5\frac{3}{4}$	5.75	0.9993	538,062
$1\frac{1}{16}$		.0862	46,430	$3\frac{7}{16}$		.4816	259,337	$5\frac{1}{2}$		1.0145	546,241
$1\frac{1}{8}$	.12	.0938	50,535	$3\frac{1}{2}$	.50	.4942	266,123	$5\frac{7}{8}$	.87	1.0297	554,421
$1\frac{3}{16}$		.1017	54,739	$3\frac{9}{16}$		.5070	273,004	$5\frac{1}{2}$		1.0455	562,655
$1\frac{1}{4}$	.25	.1097	59,062	$3\frac{5}{8}$	.62	.5198	279,885	6	6.00	1.0603	570,889
$1\frac{5}{16}$		.1179	63,528	$3\frac{11}{16}$		.5327	286,859	$6\frac{1}{16}$		1.0756	579,174
$1\frac{3}{8}$	.37	.1263	67,994	$3\frac{3}{4}$	.75	.5457	293,833	$6\frac{3}{16}$	.12	1.0910	587,459
$1\frac{7}{16}$		.1349	72,651	$3\frac{13}{16}$		.5588	300,900	$6\frac{5}{16}$		1.1065	595,793
$1\frac{1}{2}$	.50	.1435	77,308	$3\frac{7}{8}$	.87	.5719	307,968	$6\frac{3}{4}$	.25	1.1220	604,127
$1\frac{9}{16}$		.1525	82,146	$3\frac{15}{16}$		.5852	315,115	$6\frac{7}{16}$		1.1375	612,512
$1\frac{5}{8}$	.62	.1615	86,984	4	4.00	.5985	322,262	$6\frac{9}{16}$	.37	1.1531	620,897
$1\frac{11}{16}$		.1708	91,993	$4\frac{1}{16}$		.6119	329,497	$6\frac{11}{16}$		1.1687	629,326
$1\frac{3}{4}$	.75	.1801	97,003	$4\frac{1}{8}$	.12	.6253	336,732	$6\frac{1}{2}$	.50	1.1844	637,756
$1\frac{13}{16}$		.1897	102,175	$4\frac{3}{16}$		.6389	344,049	$6\frac{3}{8}$		1.2002	646,232
$1\frac{7}{8}$	.87	.1993	107,348	$4\frac{1}{4}$	.25	.6525	351,366	$6\frac{5}{8}$	.62	1.2159	654,708
$1\frac{15}{16}$		.2092	112,677	$4\frac{5}{16}$		.6662	358,761	$6\frac{7}{8}$		1.2317	663,228
2	2.00	.2191	118,007	$4\frac{3}{8}$	.37	.6800	366,157	$6\frac{3}{4}$	.75	1.2476	671,748
$2\frac{1}{16}$		.2293	123,484	$4\frac{7}{16}$		.6938	373,630	$6\frac{1}{2}$		1.2635	680,310
$2\frac{1}{8}$	.12	.2395	128,962	$4\frac{1}{2}$	.50	.7077	381,104	$6\frac{1}{8}$	.87	1.2794	688,873
$2\frac{3}{16}$		.2499	134,582	$4\frac{9}{16}$		.7218	388,651	$6\frac{1}{4}$		1.2953	697,476
$2\frac{1}{4}$	.25	.2603	140,203	$4\frac{5}{8}$	.62	.7358	396,199	7	7.00	1.3113	706,080
$2\frac{5}{16}$		.2710	145,960	$4\frac{3}{4}$		.7499	403,819	$7\frac{1}{16}$		1.3273	714,723
$2\frac{3}{8}$	.37	.2817	151,718	$4\frac{7}{8}$	.75	.7641	411,439	$7\frac{3}{16}$	.12	1.3434	723,367
$2\frac{7}{16}$		.2926	157,607	$4\frac{1}{2}$		.7784	419,128	$7\frac{1}{2}$		1.3595	732,049
$2\frac{1}{2}$	.50	.3036	163,497	$4\frac{5}{8}$	.87	.7927	426,817	$7\frac{3}{8}$	.25	1.3757	740,731
$2\frac{9}{16}$		.3147	169,513	$4\frac{3}{4}$		.8071	434,575	$7\frac{5}{16}$		1.3919	749,450
$2\frac{5}{8}$	.62	.3259	175,529	5	5.00	.8215	442,333	$7\frac{7}{16}$	.37	1.4081	758,170
$2\frac{11}{16}$		.3373	181,667	$5\frac{1}{16}$		.8360	450,156	$7\frac{1}{2}$		1.4243	766,925
$2\frac{3}{4}$	.75	.3487	187,805	$5\frac{1}{8}$	.12	.8506	457,980	$7\frac{3}{4}$	.50	1.4406	775,680
$2\frac{13}{16}$		.3603	194,060	$5\frac{3}{16}$		.8651	465,867	$7\frac{5}{8}$		1.4569	784,464
$2\frac{7}{8}$	.87	.3720	200,316	$5\frac{1}{4}$	.25	.8799	473,754	$7\frac{3}{4}$	.62	1.4732	793,248
$2\frac{15}{16}$		.3838	206,684	$5\frac{5}{16}$		.8945	481,704	$7\frac{1}{2}$		1.4896	802,076
3	3.00	.3956	213,053	$5\frac{3}{8}$	.37	.9094	489,655	$7\frac{3}{4}$	.75	1.5060	810,904
$3\frac{1}{16}$		.4076	219,539	$5\frac{7}{16}$		.9242	497,664	$7\frac{1}{2}$		1.5224	819,670
$3\frac{1}{8}$	.12	.4197	226,010	$5\frac{1}{2}$	.50	.9391	505,674	$7\frac{5}{8}$	.87	1.5389	828,615
$3\frac{3}{16}$		.4320	232,594	$5\frac{9}{16}$		.9541	513,743	$7\frac{7}{8}$		1.5554	837,500
$3\frac{1}{4}$	.25	.4442	239,178	$5\frac{5}{8}$	.62	.9691	521,812	$7\frac{1}{2}$	.12	1.5719	846,388
$3\frac{5}{16}$		.4566	245,865	$5\frac{11}{16}$		.9842	529,937	8	8.00		