## WORKS PERFORMED DURING THE YEAR.

Cleaning drains   101   6				World I		odna	IHE IEM	α.					
Cleaning drains   101   6   6	By piecework conf	tract :—			DT	uns.			34	,			
Widening and deepening	Cleaning dra	ins									Ŋ	1.	ch.
By day labour :			ino		***								
Cleaning drains	Constructing	new dra	nins										
By day labour   Cleaning drains   104   26   Videnting and deepening   20   25   25   25   25   26   26   26   26	Cometi decing	now dia	611112	• • •		* • •		• • •	59		ω	N 7	40
Cleaning drains   104 26	By day labour :										20	J (	40
Widening and despening   20 25									104	20			
Constructing new drains   Rloads.   Rloads.   Rloads.   Rloads.   Rloads.   Rloads.   Rloads.   Rloads   Rloads   Rloads   Rloads   Roads formed (graded)   5 8 8   Grading roads (graded)   11 60   6   6   6   6   6   6   6   6   6			*		* * * *			• • •					
Roads   Road	Construction	i deebeni	ng				***						
Roads   Roads   Roads   Roads   Roads   Roads   Roads   Section   Section   Roads formed (graded)   Section   Sect	Constructing	new ara	ms			* * *	• •		20	25			
By piecework contract and day labour :—   Carting spoil and forming roads (33,954 cubic yards)   4 10   New roads formed (gradled)   5 8   5 8   6   11 60   6   6   6   6   6   6   6   6   6					77						18	31	3
Carting spoil and forming roads (33,954 cubic yards)	15		_			ads.							
New roads formed (graded)   5 8	By piecework cont	ract and	day	labour :-		_							
Grading roads   11 60   60   60   60   60   60   60	Carting spoil	and form	ning	roads (3	3,954 cul	bic yards)							
Cravelling roads   0 16 Regravelling roads   1 10 Metalling roads   4 18 Disking roads   4 18 Disking roads   2 1			aded	ł)					5	8			
Regravelling roads									11	60			
Metalling roads									0	16			
Disking roads   7 20   2 1   35 6:									1	10			
Erecting fences	Metalling road	ds .							4	18			
Erecting fences	Disking roads	š							7	20			
New stop-banks									$^2$	1			
New stop-banks   1 74	0										3	5	63
New stop-banks					Ston-F	anks.					.,		- 1
Repairs to stop-banks	New ston-hand	s			_				1	74			
Total distance covered   Fascines procured, 7,440 bundles; sleepers, 3,700.   Cubic Yards.												4	40
Pascines procured, 7,440 bundles; sleepers, 3,700.   Metal procured by Department's plant from Kauaeranga   2,449     Metal supplied by scows   5,229     Total	responts to 800	L commo		• • •	• • • •	•••	• • •		4			T	T-7
Pascines procured, 7,440 bundles; sleepers, 3,700.   Metal procured by Department's plant from Kauaeranga   2,449     Metal supplied by scows   5,229     Total		Tota	1 4:	utanon on	word						40	 Q	75
Metal procured by Department's plant from Kauaeranga   2,449		100	ու ա	istance co	vereu	• • •	• • •				42	0	11)
Metal procured by Department's plant from Kauaeranga   2,449		Fas	cine	s procure	1, 7,440	bundles;	sleepers	, 3,700.					
Metal procured by Department's plant from Kauaeranga   2,449				-	, ,	,	•						
Metal procured by Department's plant from Kauaeranga   2,449					Metal-su	ເນນໄປ.							
Metal supplied by scows   5,229   Total   7,678   Cabic Yards.   Spoil excavated by No. 1 dredge   33,251   74,915   No. 2   74,915   No. 6   N	Matul programmal by	Domanti		la slaut i									
Total   Tota				-									
Dredges   Cubic Yards.   Spoil excavated by No. 1 dredge   33,251   74,915   74,91	medar supplied by	scows		•••	• • •	• • •		• • •			• • •	IJ, Z	Zy
Dredges   Cubic Yards.   Spoil excavated by No. 1 dredge   33,251   74,915   74,91		m i	,								-	= 0	 70
Spoil excavated by No. 1 dredge   33,251   33,251   10,0   2   14,915   10,0   138,310   139,310   139,3		Total	l	* * *	• • •	• • •	• • •		• • •			7,6	18
Spoil excavated by No. 1 dredge   33,251   33,251   10,0   2   14,915   10,0   138,310   139,310   139,3													
Spoil excavated by No. 1 dredge   33,251   No. 2   74,915   No. 6   30,144					Dreil	aev							
No. 2	Spail argameted by	No. 1 do	and w			_							
Total 138,310  **Reinforced-concrete Flood-gates and Culverts.**    Size.   Size.   Number.   Length.													
Total   Reinforced-concrete Flood-gates and Universal	• •			***		• • •		• • •	• • •	•			
Reinforced-concrete Flood-gates and Univerts.   FLOOD-GATES   Number   Length	1,	NO. 6	,,	• • •		• • • •					ა	0,1	44
Reinforced-concrete Flood-gates and Univerts.   FLOOD-GATES   Number   Length		m , ı									4.0	0.0	10
Size.   Number.   Length.		Total									13	8,3	10
Size.   Number.   Length.		717	,		. 717	1 .	, ,, ,						
Number   Length   Size   St. by 4 ft. 6 in.   1   Gate and wing walls   4 ft. 6 in. by 4 ft. 6 in.   2   32 ft.   4 ft. 6 in. by 4 ft. 6 in.   2   32 ft.   32 ft.   32 ft.   33 ft. diameter (Monier pipes)   5   204 ft.   1   30 ft.   3 ft. diameter (Monier pipes)   5   204 ft.   1   24 ft.		R	einfo	orced- <b>co</b> ne	rete Flo	$od extbf{-}gates$ $a$	and Culi	verts.					
5 ft. by 4 ft. 6 in.       1       Gate and wing walls.         4 ft. 6 in. by 4 ft. 6 in.       2       32 ft.         4 ft. 6 in. by 4 ft.       1       30 ft.         3 ft. diameter (Monier pipes)       5       204 ft.         1 ft. 6 in. diameter (Monier pipes)       1       24 ft.         ROAD-CULVERTS.         9 ft. by 7 ft. 6 in.       1       27 ft.         6 ft. by 4 ft. 6 in.       1       26 ft.         5 ft. by 4 ft.       3       94 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. 6 in. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft.       9       288 ft.         1 ft. 6 in.       1       10 ft.         9 in. diameter       1       10 ft.         9 in. diameter       1       50 ft.         2       60 ft.					FLOOD-0	ATES.							
4 ft. 6 in. by 4 ft. 6 in.       2       32 ft.         4 ft. 6 in. by 4 ft.       1       30 ft.         3 ft. diameter (Monier pipes)       5       204 ft.         1 ft. 6 in. diameter (Monier pipes)       1       24 ft.         ROAD-CULVERTS.         9 ft. by 7 ft. 6 in.       1       27 ft.         6 ft. by 4 ft. 6 in.       1       26 ft.         5 ft. by 4 ft.       3       94 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft.       9       288 ft.         1 ft. 6 in.       3       1,216 ft.         EARTHENWARE CULVERTS.         1 ft. 3 in. diameter       1       10 ft.         9 in. diameter       1       50 ft.         2       60 ft.	Size.						N	umber.		Len	gth.		
4 ft. 6 in. by 4 ft. 6 in.       2       32 ft.         4 ft. 6 in. by 4 ft.       1       30 ft.         3 ft. diameter (Monier pipes)       5       204 ft.         1 ft. 6 in. diameter (Monier pipes)       1       24 ft.         ROAD-CULVERTS.         9 ft. by 7 ft. 6 in.       1       27 ft.         6 ft. by 4 ft. 6 in.       1       26 ft.         5 ft. by 4 ft.       3       94 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft.       9       288 ft.         1 ft. 6 in.       3       1,216 ft.         EARTHENWARE CULVERTS.         1 ft. 3 in. diameter       1       10 ft.         9 in. diameter       1       50 ft.         2       60 ft.	5 ft. by 4 ft. 6 in.							1	Gate	and v	ving v	wall	ls.
4 ft. 6 in. by 4 ft.       1       30 ft.         3 ft. diameter (Monier pipes)       5       204 ft.         1 ft. 6 in. diameter (Monier pipes)       1       24 ft.         10       290 ft.         ROAD-CULVERTS.         9 ft. by 7 ft. 6 in.       1       27 ft.         6 ft. by 4 ft. 6 in.       1       26 ft.         5 ft. by 4 ft.       3       94 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft.       9       288 ft.         1 ft. 6 in.       1       1,216 ft.         EARTHENWARE CULVERTS.         1 ft. 3 in. diameter       1       50 ft.         2       60 ft.		1						<b>2</b>					•
3 ft. diameter (Monier pipes)       5       204 ft.         1 ft. 6 in. diameter (Monier pipes)       1       24 ft.         ROAD-CULVERTS.         9 ft. by 7 ft. 6 in.       1       27 ft.         6 ft. by 4 ft. 6 in.       1       26 ft.         5 ft. by 4 ft.       3       94 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft.       9       288 ft.         1 ft. 6 in.       39       1,216 ft.         EARTHENWARE CULVERTS.         1 ft. 3 in. diameter       1       10 ft.         9 in. diameter       1       50 ft.         2       60 ft.										30	ft.		
1 ft. 6 in. diameter (Monier pipes)       1       24 ft.         ROAD-CULVERTS.         9 ft. by 7 ft. 6 in.       1       27 ft.         6 ft. by 4 ft. 6 in.       1       26 ft.         5 ft. by 4 ft.       3       94 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft.       9       288 ft.         1 ft. 6 in.       39       1,216 ft.         EARTHENWARE GULVERTS.         1 ft. 3 in. diameter       1       10 ft.         9 in. diameter       1       50 ft.         2       60 ft.				• •	• •	• •							
10   290 ft.   11   27 ft.   11   26 ft.   12   26 ft.   13   30   30   30   30   30   30   30						• •	• •						
10   290 ft.	i ie. om. diameter (i	morner br	Les)	• •	• •	• •	• •			44	TU.		
ROAD-CULVERTS.         9 ft. by 7 ft. 6 in.       1       27 ft.         6 ft. by 4 ft. 6 in.       1       26 ft.         5 ft. by 4 ft.       3       94 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft. 9       288 ft.       1         1 ft. 6 in. 9       9       288 ft.         1 ft. 6 in. 10       1       10 ft.         9 in. diameter       1       10 ft.         9 in. diameter       1       50 ft.         2       60 ft.							•			900	- - f+		
9 ft, by 7 ft, 6 in.       1       27 ft.         6 ft, by 4 ft, 6 in.       1       26 ft.         5 ft, by 4 ft.       3       94 ft.         4 ft, 6 in. by 4 ft.       2       58 ft.         4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft. , , , , ,       9       288 ft.         1 ft. 6 in. , , , , , , , , , , , , , , , , , , ,	•				1575 1 70 1177	77 73 7 p. m. 34		10		290	1υ.		
6 ft. by 4 ft. 6 in.	1				ROAD-CUI	VERTS.		7		۵-	e,		
5 ft, by 4 ft.       3       94 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft.       9       288 ft.         1 ft. 6 in.       9       288 ft.         1 ft. 6 in.       1       124 ft.         39       1,216 ft.         EARTHENWARE CULVERTS.         1 ft. 3 in. diameter       1       10 ft.         9 in. diameter       1       50 ft.         2       60 ft.							• •						
5 ft. by 4 ft.       3       94 ft.         4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft.       9       288 ft.         1 ft. 6 in.       9       288 ft.         1 ft. 6 in.       1       124 ft.         39       1,216 ft.         EARTHENWARE CULVERTS.         1 ft. 3 in. diameter       1       10 ft.         9 in. diameter       1       50 ft.         2       60 ft.	6 ft. by 4 ft. 6 in.												
4 ft. 6 in. by 4 ft.       2       58 ft.         4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft.       9       288 ft.         1 ft. 6 in.       ,,       ,,       2         1 ft. 6 in.       ,,       ,,       39         1 ft. 5 in. diameter       1       10 ft.         9 in. diameter       1       50 ft.         2       60 ft.								3		94	$\mathbf{ft}.$		
4 ft. square       1       25 ft.         3 ft. diameter (Monier pipes)       12       344 ft.         2 ft. 6 in. diameter (Monier pipes)       8       230 ft.         2 ft. , , , , , , , , , , , , , , , , , , ,							• •	<b>2</b>		58	ft.		
3 ft. diameter (Monier pipes)								1					
2 ft. 6 in. diameter (Monier pipes) 2 ft. 6 in. diameter (Monier pipes) 3 ft. 2 ft. 3 ft. 6 in. 3	3 ft diameter (Monie		• •	• •									
2 ft. , , , , ,					• •								
1 ft. 6 in. ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	O ft		(vo)	• •	• •		• •						
39 1,216 ft.  1 ft. 3 in. diameter	1 () 0:	,,		• •	• •	• •	• •						
EARTHENWARE CULVERTS.  1 ft. 3 in. diameter	1 ft. 6 in. ,,	,,			• •	• •	• •	4		124	16.		
EARTHENWARE CULVERTS.  1 ft. 3 in. diameter								00		~	e .		
1 ft. 3 in, diameter            1 0 ft. <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>39</td><td>1</td><td>,216</td><td>it.</td><td></td><td></td></td<>								39	1	,216	it.		
9 in. diameter				EART	HENWARE	CULVERTS	s.						
2 60 ft.													
2 60 ft.	9 in. diameter							1		50	ft.		
No. No. com. Section 1997 (Section Section 1997)													
No. No. com. Section 1997 (Section Section 1997)								2		60	ft.		
											٠		
Claud 60 661													
	Arand	totel						51	1	.566	ft.		

All of the above work was carried out by day labour. The total number of concrete flood-gates is now eighteen, and road-culverts sixty-six, the total length being 2,722 lineal feet.