1846.

has benefited much by my exertions. and ill health alone causes me to retire from an employment of which I may say was my chief delight.

His Honor C. J. Latrobe Esqr. &c. &c. &c.

I have the honor to be &c. (signed, Robert Hoddle, Surveyor.

Survey Office Melbourne
26th June 1840.

No 47/48.

Sir.

I do myself the honor to enclose you herewith copies of Letters I have this day transmitted to His Honor Mr Latrobe upon having been informed by him that I am no longer in the Department.

A some misconception appears to have arisen with regard to my Letter to you No 47/6.3 of 18th October 1839 I beg to state that I never contemplated returning from the Department without being allowed the usual gratuity and the reasonableness of my request I think you will at once admit when I call to your recollection that several connected with your own Department and who were many years junior to me were allowed a gratuity upon leaving the Department.

I may further state that besides having been for some years employed in the service of Government in other Colonies I have now been upwards seventeen years constantly employed in the active discharge of my duties in your Department in all parts of this Colony, and that in requesting to retire from the service I did so because my constitution has been completely shattered from the fatigue I have had to encounter. Under all the circumstances I trust I may confidently look for your interest with His Excellency the Governor and support in my favor towards procuring for me the gratuity for which I now apply.

I have the honor to be Sir, your most obedient humble Servant (signed) Robt Hoddle

J. A. Perry Esqr. Actg. Surveyor General &c. &c. &c.

77.

Survey Office Melbourne
26th June 1840.

No 47/49.

Sir.

I have the honor to enclose you herewith Descriptions of the Counties of Bourke and Grant as furnished by me to His Honor Mr Latrobe in compliance with his request.

I have the honor to be Sir, your most obedient humble Servant (signed) Robt Hoddle, Surveyor.

The Surveyor General &c. &c. &c.

Survey Office Melbourne
July 1840.

No 47/50

Sir.

I do myself the honor to enclose herewith Plans and Descriptions of the parishes of Doutta Galla and Cut paw paw as marked out by Mr Draftsman Kemp.

I have the honor to be Sir, your most obedient humble Servant (signed) Robert Hoddle, Surveyor.

The Surveyor General &c. &c. &c.

Survey Office Melbourne
21st July 1840

No 47/50

Sir.

I have to request that you will forward to me without loss of time a Return of the number of Men, Cattle and Horses attached to your Party also a return of the equivalents in accordance with the Surveyor Generals Circular No 39/61, a copy of which I enclosed to you by my letter No 39/81 of 21 December 1839

I have the honor to be Sir, your most obedient humble Servant (signed) Robert Hoddle, Surveyor

Draftsmen Kemp and Kemp

Survey Office Melbourne
No 47/51. 22nd July 1840.

Sir.

I have the honor to acknowledge the receipt of your letter of 20th Instant announcing the arrival of my successor to assume charge of this Survey Department here and according to my claim to gratuity

It being my intention to proceed to Sydney to lay my case in person before His Excellency the Governor and Council I avail myself of your kind offer of support "as far as you are able" and shall feel obliged if you will recommend my claims to Sir George Gipps and favor me with some position testimony of the manner I have conducted my duties during the time I have acted under your observation

I have the honor to be &c.
(signed) Richd Hoddle Surveyor.

His Honor
C.J. Latrobe Esq.

Survey Office Melbourne
No 47/52. 20th July 1840

Sir.

In compliance with the instructions contained in your letter No 47/183 desiring me to proceed to Melbourne for the purpose of relieving Mr Hoddle. I do myself the honor to inform you that I embarked on board the Bright Planet on the 13th Ultimo and after a tedious passage of five weeks arrived here on Saturday the 18th Instant I have commenced taking charge of the equipment and Stores having called a Board of Survey to inspect all the articles in Store and as soon as the Board has settled its labors I shall forward you the Return together with a Copy of the receipts given by me to Mr Hoddle for all articles of

The Surveyor General

of equipment, stores, instruments, stationary, papers and plans

I have the honor to be &c.
Surveyor Inwards
No 1st 48
(signed) P.S. Townsend Actg

Survey Office Melbourne
No 47/53. 28th July 1840

Sir.

Referring to the Instructions contained in your letter No 47/183 dated 22 May 1840 desiring me to proceed to Melbourne for the purpose of relieving Mr Hoddle I do myself the honor to inform you that I have this day given Mr Hoddle a receipt for all equipment and stores which I have found in his charge and that during the time I was engaged in receiving them from him I called a Board of Survey, the results of which I herewith hand you and have to inform you that I have given Mr Hoddle a copy of it with the exception of the heading which I have ponded as a receipt. I enclose herewith copies of the receipts I have given Mr Hoddle for official documents, Men and Cattle and also the Returns of Mr Stores Nails and Stamps up to the 22nd Instant for all equipment in their charge which I have acknowledged as having been received from Mr Hoddle by giving him copies and signing my name

I beg also to enclose a copy of the last requisition forwarded by Mr Hoddle also one of my own for the different articles required and I trust that they will be complied with at your earliest convenience as they are much required

I have the honor to be &c.
(signed) P.S. Townsend

The Surveyor General

Report of Board of Survey held at Melbourne 28th July 1840 for the purpose of ascertaining the quantities and condition of Stores and public property found in charge of Mr Assistant Storekeeper Hoddle

Captn Smith 28th Regt President
D. A. C. G. Howard
Mr Rutherbury } Members

We the undersigned having made strict and careful examination of the articles which we have been requested to Survey and find their condition and quantities as follows viz.

Articles	Serviceable	Repairable	Unserviceable	Total found	Remarks
Adze	1			1	
Axes, marking,	27 23		5	32	
Do, felling,	20 18			20	
Do Mortising	3			3	
Arrows	65 60			65	
Awls	24 12			24	
Anvil	1			1	
Augers	2 3			2	
Buckets	10 9		1	11	
Blankets pairs	29			29	
Boots pairs	22		20	42	
Blacksmith Bellows and tool Case complete	1			1	
Bridles	2 cf			2 cf	
Ballock Boxes	3			3	
Ballock Handles Set	4			4	
Blocks	2			2	
Breechers	1 1		1	2	
Bags	6		14	20	
Ballock Rings	25			25	
Bridles, Riding,	10			10	
Boxes	3			3	
Bunting	10 yds			10 yds	
Cask Staves	8			8	
Chairs Camp	2			2	
Chains, Guarding,		6		6	

Articles	Serviceable	Repairable	Unserviceable	Total found	Remarks
Chisels Wood. mooring	1			1	
Cutlasses	4	10	15	29	
Cringles	11 17			15	
Camp Kettles	1		3	4	
Cross cut Saws	2 3			2 3	
Cart Saddles			4	4	
Collar Straps	4		5	9	
Collars Horse			4	4	
Cords	14 10			14	
Cart	1			1	
Drags, Horse,	2			2	
Dishes, Tin,	47		3	5	
Forks, Pomonella	30		6	36	
Do Oak	31 12			31	
Files	6			6	
Frying Pans	3 2		1	3	
Flints	30			30	
Gimblets	24 17			24	
Hoes	69			9	
Hames, Set,	4			4	
Head Stalls	23		2	25	
Hobbles, Spairs,	1		5	6	
Hemp	6 lbs 4			6 lbs	
Haversacks	12 8			12	
Harness, Traces pt,	1			1	
Harness Cask	2	1		3	
Iron or Forks	7			7	
Knives Clasp	9 7			9	
Kettles, Tea		1 2	3	5	
Leather Slips	5 lbs			5 lbs	
Do Harness	10 lbs			10 lbs	
Locks Door	3			3	
Maul Rings	3 5		2	7	
Muskets	3			3	
Nail Spikes of sizes	600 475			600	
Do Hob	3 lbs			3 lbs	
Oil Black	2 gall			2 gall	
Oil Canns	5			5	

182.

Pots, Sugar,	12			12
do, do Spit,	9			9
do, Iron,	3	2		5
Plates, tin,	28			28
Pick Axes	11			11
Pack Saddles	15	1	2	18
Pistol	1			1
Rope, for dog vane,				2
Rope, Tarr,	50 yds			50 yds
Rosin	10 lbs			10 lbs
Razors	10			10
Sketches	9	2		9
Shirts	30			30
Scissors, pair,	8			8
Spoke shaves	4			4
Spears	5			5
Staying steeples	21			21
Spades	5	1		6
Saucepans	9	1		10
Saws, Hand	9			9
Scales & Weights (set)	1			1
Shoemakers Tools (set)	1			1
Stockards	6			6
Tables, Camp	8			8
do, deal,	1			1
Tomahawks	13			13
Traces, sets	3			3
Tubs, hired,	5			14
Trousers, duck	25			25
do Pomarette	30			30
Twine	3 lbs			3 lbs
Do	1/2 gall.			1/2 gall.
Transactions	4		4	4
Letter Copies	2		1	1
Wedges	21			21

Surveyor's Expenditure Instruments

1855

Stationary and Instruments

Books foolscap prize	3		3
Do Letter	2		2
do field	18		18
do Memorandum	18		18
Boxes, Solar, Mahogany lined	1	2	3
Cases of Instruments, incomplete	2		2
Compasses, Plotting	2		2
Do Pocket Instruments attaining to 2 compasses	2		2
Compasses proportional	1		1
Glasses for Cross staves	6		6
Horizon artificial	1		1
Ink Indian	5 sticks		5 sticks
Do powder Black	9		9
Do do Red	9		9
Do Stands	4		4
Norie's Navigation	1		1
Protractor	1		1
Plotting scale, Steel,	1		1
do Ivory Steel	1		1
Prest	1		1
Parallel Rule, Broken	1		1
Paper Drawing Cartridge	14 sheets		14 sheets
Do Imperial	8 do		8 do
Do Foolscap	2 quires		2 quires
Do Letter	1/2 do		1/2 do
Do Blotting	5 quires		5 quires
Portfolios	3		3
Pencils, dozens,	4 1/2 doz		4 1/2
Quills	200		200
Rulers, round	2		2
Ruler Box,	1		1
Rope, Measuring,	1		1
Theodolites	1		1
Wafer Boxes	2		2

Signed { P.H. Smith Capt. 28 Regt. President
Charles Howard. D. A. C. G.
James Pattenburg Clerk of Works. } Members

List of Surveys and Maps at the Office Melbourne transferred from Mr Surveyor Hoddle to Mr Assistant Surveyor Townsend.

July 1840

Map on Scale of two Inches to a Mile showing the Surveyed Lands to the Northward of Melbourne and Allotments contiguous to it being a copy of the Map transmitted to the Surveyor General by Mr Hoddle on the 8th February 1838 with the Notes of the purchases up to the present date Surveyed and Drawn by Mr Hoddle.

Plan on scale of four inches to a Mile showing the site of North and South Melbourne Williams Town and the Suburban Allotments in the neighbourhood of Melbourne drawn by Mess.rs Hoddle and Darke.

Plan of part of North Melbourne showing part of the present Town the Yarra Yarra River the site of proposed for South Melbourne part of Hobsons Bay and Cultivation allotments Drawn by Mr Hoddle.

Plan of the town of Melbourne with Names of purchasers and the proposed lands of streets by Mr Darke

Mr Hoddle's original design of the settlement of Melbourne with the additions proposed on either bank of the Yarra Yarra and the ground as selected by Mr D'Arcy.

Plan showing the site of Melbourne and Williams Town the River Yarra Yarra and Hobsons Bay in pencil.

Drawn and Surveyed by Mr Darke

Design for a town on the Goulburn River to be called Mitchelly Town

Plan of Mitchelli Town received in the Surveyor Generals Letter No 39/12.

Rough Maps of Mitchelli Town and Violet creek. Drawn and Surveyed by Assistant Surveyor Smythe

Rough Map of the Parish of Red Hills.
Drawn & Surveyed by Mr Hoddle

Map of do do do do

Map of Williams Town complete by do

Do incomplete by do

Survey of Kooyong-yoon Creek by do

Survey of the Road from Dry Creek South to the River to Mount Macedon by Mr Hoddle

Survey of the Campaspie and road from Mount Macedon by Mr Hoddle.

Survey of Campaspie and Calabria Rivers by Mr Hoddle.

Fair Map of Geelong copy transmitted to Surveyor General dated. Made by Mr Hoddle

Plan of the Parish of Barrabool copied from Mr Smythes survey by Mr Hoddle

Do. Do. Do. Do.

Survey of Moorac Moorac Creek by Mr Smythe

Fair Map of the Parish of Wheringhape on the inch scale by Mr Smythe.

Survey of the Road from Geelong to Melbourne by Mr Smythe

Survey of the Barwon River and a creek by Mr Smythe

Tracing from plan of the Neighbourhood of Geelong showing the Suburban Allotments

Survey

Survey of parts of a Creek entering the Yarra Yarra River about 10 miles above Melbourne by Mr Pickell

Map of the Sections in the Parish of Jika Jika divided into eighths, quarters & halfs by Mr Darke

Survey of Powlis Creek by Mr Kemp
do of Ballarat " " do
do " Parish of Tourourrong do
do " portion Marked in the Parish of Kilbella and part of the Sydney Road from Melbourne Station to the Bunga Mook of Jonis Station by Mr Kemp
Survey of Part of the Salt Water River by do
Survey of a Branch Salt Water River marked A do
do of the Deep Creek a Branch of the Salt Water River by do
Survey of Sections in the Parish of Tourourrong by Messrs Scott & Kemp
Survey of the Little River near Geelong by Mr Scott
Copy of Mr Bull's Survey of the Road from Geelong

Map on a scale of 2 inch to a Mile showing the results of Mr Hoddle's Surveys with the Portions exhibited in Mr Darke's coastal Surveys, Mr Kemp's Survey of the Salt Water River and its branches compiled and drawn by Mr Hoddle

Map on 2 inch scale connected with the last named showing the Surveys of Mr Smythe Yarra extensions of the above & Snakes Creek &c compiled & drawn by Mr Hoddle

Plan of Suburban Allotments near Geelong drawn by Mr Hoddle

General Map on 1/4 to a Mile being a compilation of the Surveys to the present date, compiled & drawn by Mr Hoddle

Plan of the Suburban allotments near Melbourne by Mr Hoddle and Yarra Yarra River by Mr Darke

Survey of the Parish of Tourourrong by Mr Hoddle

Survey of the Parish of Jika Jika by Mr Hoddle
Fair plan of the Parish of Moorang by do
Mr Scott's Survey of the Yarra Yarra River in five sheets from the Yarra Yarra to Heyward
Plan of the Parish of Nilliambeek by Mr Scott
Plan of the Suburban allotments on the Merri reserve on the Parish of Jika Jika
Rough plan of the Parish of Kilbella by Mr Kemp
Rough plan of " Moorang do
Plan of " Doutta Galla do
" " Cut-paw-paw do

Coast Survey.
Plan of the Parish of Wabdalla by Wm H Smythe
" Parishes of Lake-la-ke-wollard and Modewarre by do
" " Knarwarre Carringgomorring and Murghabolobuck by Wm H Smythe
Plan of the Parish of Knarwarre by Do
" " Cohoorik "
" Parishes of Jukgong and Gang-gang-wut by Do
Plan of part of the Barwon River from Whoorel to the highest point surveyed by Wm Smythe
Plan of part of the Anarabool River by Do
Survey of Lake Colac and the main Road from thence to the Eleis Barwon by Wm H Smythe
Plan of the Parish Pyrwheit yorrk by Wm Darke
Survey of the Reserve of Warrnigal by Wm Townsend
Plan of the Village Reserve of Warrnigal with the Streets &c as proposed by the Surveyor General

Signed Wm Townsend
Asst Surveyor in Charge
Survey Office Melbourne
28th July 1840

Received from Robert Hoddle Esquire the undermentioned Books now in use in the Current business of the Office viz.
Government Gazettes from 1836 to the present period unbound and incomplete
Acts of Council bound in four Volumes up to 1837.

Stores Book
Letters by Surveyor General
" " Individuals
Registry of Letters received
Description Book of Lands / incomplete /
Registry of Deeds
Town Allotment Book / incomplete / of first two Sales only
Registry of Requisitions received
Packages of Official Letters received by Mr Hoddle—
signed Thos Townshend
Asst Surveyor in Charge
Survey Office Melbourne
28th July 1840

Received from Robert Hoddle Esqr the undermentioned Cattle now depasturing in the Paddock on the Yarra Yarra River.
5/ Five Horses.
signed Thos Townshend
Asst Survey in Charge

Copy of Mr Hoddles
Requisition for the undermentioned articles for the use of the branch of the Surveyor Generals Department at Port Phillip transmitted by Mr Townshend on 1st 53.

Names of articles required.	Last supply of the same articles		Quantity of each article actually in possession			Number or quantity of articles now required	Purposes for which required.
	Date	Quantity	Serviceable	Repairable	Unserviceable		
Book	6th 1839	30 pair	20			50	
Books Paramatta	"	30	20			30	
" Rule	"	30	30			30	
Counties	"	none	none			50	
Counties Paramatta	"	30	none			50	
Sheets	"	30	31			20	
Yokes & Bullock	"	2	none			12	
Rules	1838	7	5			24	
Pebbles	May 1838	24	none			50	
Table Paper	5th Oct 1838	12	none			24	
Tracts Offices	25th Oct 1839	3	2			2	
" Water	" " "	3	none			2	
Tool Oak Beam	" " "	1	½			4 reams	
Serpentine	May 1838	15	2		7	6 small & large.	
Spoke Shaves.		none	none			4	
Drawing paper	Sept 1839	20 Sheets	none			50 Sheets	
Scales.	May 1838	300	100			500.	

Name of article required	Last supply of the same articles		Quantity of each article in possession			Number or quantity of articles now required	Purpose for which required.
	Date	Quantity	Serviceable	Repairable	Unserviceable		
Cartridge Paper						1 Ream ½	
Wafers	May 1838					6 Boxes	
Quills	" "					3 Doz No II. III. IIII	
India Rubber	" "					4 pieces	
Pencils	Sept "					4	
Saddles, Riding	May 1837	2	none			3	
Gum Elastic Tubbing	May 1838		none			1 piece	
				signed		Robert Hoddle Surveyor	

Survey Office Melbourne 25th May 1840

Required for the use of the Survey Department at Port Phillip the undermentioned articles of Equipment. viz:

20 Coarse Linen Bushel bags for forage	1 Pocket Sextant
20 Fine Do. for flour	3 Circumferentors
3 Camp Kettles.	1 Level
2 Set Shaft Harness.	6 Drawing Pens
6 Tin Mess dishes	3 Parallel Rulers.
2 Tarpaulin pans	2 Color Boxes
40 lbs Slip leather	6 Cakes of Carmine
40 " Sole "	6 " Prussian Blue
6 Basil Steels	6 " Gamboge
24 Yard Belt	6 " Burnt Sienna
24 Tin "	12 Camel Hair brushes of large
6 Dray Ropes	12 Sable Do Do
1 Bell Canvas	2 Quires of Royal Drawing paper
3 Sugar Canisters	5 Quires of Drawing Pasteboard
3 Tea Do	2 Quires " Imperial Do Do
100 Horse Shoes	2 Quires Antiquarian Do Do
1000 " Nails	5 Quires of Foolscap Drawing paper
50 yards Mat Cord	required
4 Tea Kettles	Thos Townshend
4 Watch Coats	
Instruments & Drawing materials	
3 Surveying Chains	
1 Theodolite / portable viz /	
1 Sextant	

Survey Office Melbourne
21 July 1840

No 47/54.

Sir.

I do myself the honor to enclose a bill in duplicate, and receipt from Mr Henry Moore for my passage to Melbourne

I have the honor to be &c
signed, Thos. S. Townsend

Surveyor General

Survey Office Melbourne
1st August 1840.

No 47/55.

Sir.

In obedience to the instructions contained in your letter No to Mr Hoddle I do, myself the honor to enclose herewith a duplicate Report of the Sale of Lands in the Counties of Bourke and Grant and of Town Allotments in the County of Bourke Town of Melbourne, sold on the 10th and 11th days of June last

As parties have the option of paying the balance to the Colonial Treasurer in Sydney I cannot state with accuracy the names of the defaulters.

I have the honor to be &c
signed, T.S. Townsend

Surveyor General

Survey Office Melbourne
4th August 1840.

No 47/56.

Sir.

The Surveyor General in his letter to me No 47/55 transmitted a design for the Village of Pascoe Vale and desired that it should be marked out. I have therefore to request that you will make a tracing from the Map deposited in this office and immediately proceed to the ground and mark it out accordingly. You will adopt the same method you have used in marking the allotments in this Town, by digging trenches and placing stakes nine inches in the ground and four above the surface at each corner of the allotments. You will also place posts at the corner of each block with the number of the Block marked in Roman Characters on the Top, the posts to be sunk two feet nine inches in the ground and to stand eight feet above the surface.

After you have completed the markings in the ground you will transmit to me a duplicate plan and descriptions

I have the honor to be &c
signed, Thos. S. Townsend inclosure

Mr Assistant Surveyor Hull

Survey Office Melbourne
4th August 1840

No 47/57

Sir.

In compliance with the request contained in your Honors letter to Mr Hoddle No 47/13 dated 1 January 1840 I do myself the honor to enclose herewith

1. A Return of the Cavalry attached to this Branch of the Surveyor General's Dept
2. A Monthly Return of Horses and Cattle Drays and Carts
3. A Monthly Return of Stations of Mess Hull and Kemp
4. A Monthly Return of Stations of Contractors

I have the honor to be &c
signed, T.S. Townsend & Enclosures

The Honorable J Pattison

Survey Office Melbourne
7 August 1840.

No 47/58.

Sir.

Survey Office Melbourne
8th Augst 1840.

No 47/86.
Sir.

In ordering for your Honors approval the accompanying requisition for a Writing table and Legislative Chair I beg to state that I have been induced to make the application from the circumstance of there not being any convenience for the safety of the books and records from which they are getting into confusion. Under these circumstances I trust the requisition will meet with your approval.

I have &c
signed
G. J. Townsend
in charge.

His Honor
C. J. Latrobe
Esqr
&c &c

Survey Office
13 August 1840

No 49/60.
Sir.

With reference to your letter No 49/24 in which you inform me that by Colonial Secretary's letter No 39/847

of the 25 November 1839 the approval of His Excellency the Governor of the appropriation of Two acres of land as the site for a Burial Ground for the Congregation of the Presbyterian Church exclusively of the Wesleyan & Independents, bounded on the East by the Roman Catholic Burial Ground and on the South by the Presbyterian Burial ground was communicated to you, & subsequently a block & a letter No 126 was transmitted to you containing application from the Heads of the Wesleyan and Independent bodies for a division of the land between them you therefore request that it may be measured and marked out in two equal parts and plans and descriptions thereof transmitted to you for inspection in order that for final approval.

I do myself the honor to enclose a plan and description of the land which I have marked in accordance with the wishes of the gentlemen appointed by each party to point out the way they were desirous of having it done.

I have the honor to be
&c signed G. J. Townsend
in charge

Surveyor General

Survey Office Melbourne
No 4/61. 18 August 1840.

Sir.

I do myself the honor of recommending the prisoner named in the margin for the Gratuity allowed to deserving men. He has been nearly three years connected with this department and was recommended to me by Mr Hoddle as a steady honest man.

I have the honor to be
Sir
Your obedient
humble Servt
Charles Bonnett
Prince Regent

I have the honor to be
signed T. J. Townsend
in charge
Surveyor General

Survey Office Melbourne
No 4/62. 18 August 1840.

Sir.

I do myself the honor to enclose a requisition for Eight Men from whom one is to supply the Vacancy in equal number lost from the Roads to Mr G. A. Smythe Contractor and the remainder to fill Vacancy which will shortly occur from Men receiving Tickets of Leave.

I have the honor to be
Sir
Your obedient
humble Servt
signed T. J. Townsend
in charge
Surveyor General

Survey Office Melbourne
No 4/63. 20th August 1840.

Sir.

So soon as you have completed the instructions relative to Laying out the Village of Warrangel I have to request that you will proceed on the Survey of the Creek generally known as Allen's Creek and Dandenong

Creek from their sources to their mouths together with any tributaries they may receive which are of sufficient importance to be made frontages. You must connect your Survey of Allen's Creek with one of the portion lines marked on the Yarra Yarra and Dandenong Creek with Allen's. If this can be done will admit of it without causing you any very considerable labor you will have the goodness to connect your Survey of each creek at either end You will fix every hut and station and obtain all the native names that you can.

I have the honor to be
Sir
Your obedient
humble Servt
signed, T. J. Townsend
in charge
Mr Scott.

Survey Office Melbourne
No 4/64. 22d August 1840.

Sir.

I do myself the honor to transmit herewith a plan and description of a Road which I have, in obedience to the commands of His Honor the Superintendent caused to be marked from the Suburban Allotments in the Parish of Jika Jika to the Village Reserve in the Parish of Nillum Nillum. After it was marked I accompanied His Honor along it and it has met with his approval.

I therefore beg to request, provided it meets with your approbation, that it may be declared in the Government Gazette as directed by the Act of Council 4 Gul IV No 11.

I beg also to call your attention to some few points in the line which do not appear

Surveyor General
&c &c &c

of the Map only might appear objectionable. The first is the great detour this line makes to the crossing place on the Dandenong Creek at which point a good substantial Bridge had been previously built by subscription, while there is no point where the ascent of the Range dividing the Dandenong Creek and Yarra Yarra River is so easily effected as that pointed in the present instance. The next is the deviation from the general line at the Village Reserve of Emerald where the line is made to proceed along the boundary lines of that Reserve and the lands of Messrs Walker and Wilson. this is unavoidable as the Land to the East is formed of narrow Steep ranges and hollows from thence to the Yarra Yarra Plains it is necessary to keep as far to the North as shown on the Map. to avoid several steep hills over which the Road at present in use passes. In consequence of the line passing so far to the North Mr Porter is left without a Road to his property There therefore in my description given an occupation Road of fifty links wide along the boundary line of Thomas Wills and R. Brown's lands. taking a width of twenty feet links from each. After passing the Yarra Yarra the Country becomes more steep and very thickly wooded, the line in question has however been marked along the side of a spur of the range which is then ascended easily and thence continued as nearly along the summit of the Range as possible thence being on either side several deep falls and gullies.

I have &c
signed P. Fawkner Asst Surv in Charge

Survey Office Melbourne
No 4 of 66 22 August 1840.

Sir.

I do myself the honor to transmit herewith a Map and description of the proposed new Sydney Road leading from Melbourne to the Parish of Nillumbik, marked by Mr Kemp in accordance with instructions received from Mr Hoddle and to request that should it meet with your approval it may be proclaimed in the Government Gazette agreeably to the Act of Council 4 Gul. IV. No 11.

I have examined the line the whole length together with the country on either side and do not consider that a more desirable one can be adopted. About the first two miles from the Town Reserve it proceeds over smooth forest land but after that the whole line with few exceptions traverses a flat heavy wood country which will be very bad travelling until some considerable labor has been bestowed. It will be necessary to have a ditch on both sides the Road as there is not any natural fall to carry off the water. Material for making the Road is, if not actually on the ground in all places at no very great distance from it.

The Creek above or Hogshard's Land and the Southern one on Nillumbik will require some labor to make them passable their beds and banks being both very rocky. There will not be a single Bridge required along the whole line.

I have the honor &c.
signed P. Fawkner
Asst Surv. in charge

Surveyor General

Survey Office Melbourne
No 47/66. 22d August 1840.

Sir.

No copy of the Government Gazette having been received at this office since I have taken charge I do myself the honor to request that you will be pleased to cause a copy to be regularly transmitted as from the want of it the business of the office cannot be carried on with that regularity as I could wish

I have the honor to be &c
The Surveyor General. signed T. L. Townsend

Survey Office Melbourne
No 47/66a. 11 September 1840.

Sir.

Referring to His Honor Mr Latrobe's letter No 47/677 in which he informs me that in consequence of an intimation which he has received from you informing him that having completed the Survey upon which you have been engaged you will proceed without delay to Lake Colac to mark a Township Reserve and the lands adjoining suitable for small farms. He has been to call my attention to a clause in the Colonial Secretary's letter to him of the 7th August 1840 namely "that care must be taken not to depart from the system of selling land continuously in straight forms. Consequently His Honor wishes me to apprise you that in proceeding to the Scotland you must continue your proposed survey in the vicinity of Lake Colac with the track of Country on the Barwon which you have already surveyed

I have therefore to request you will survey a Parish adjoining the one in which the Missionary Station is situated and thus continue it

with the Parish which will adjoin Lake Colac by which means you will be at liberty to lay out as much country as you may deem advisable to be sold in that neighbourhood always taking care to make your surveys continuous

Ch. W. C. Smyth Esq
Asst Sur. Colonization I have the honor to be &c
signed T. L. Townsend

No 49/67a. Geelong 29 August 1840.

Sir.

I do myself the honor to report the arrival of my encampment here on Monday and to state that in obedience to your Honor's instructions I have marked the allotments sold here at the last sale. In marking the land appropriated for the Scotch Church I met with some difficulty as the lines extended from the surveyed positions at North and South Geelong did not meet I therefore, to avoid any difficulty for the future carefully remarked them so as to make the line exactly straight and have cut a furrow from the one side of the town to the other as well as around the Sections sold. During the time my men have been engaged in marking these lines I have examined the different Roads on the Manifold Station and find communication marking the line of Road towards Barwon on Monday which together with the labor of erecting and fixing stations on the shores of Corio Bay will occupy the whole of next week. In the survey of the bay it will be of great consequence my having the assistance of a second boat.

His Honor
C. J. Latrobe Esq

I shall therefore be very happy to avail myself of your Honors promise of the assistance of Mr Lewis the Harbour Master. If you will allow him to proceed here by Monday the 7 proximo and bring with him a Sextant and some sounding lines and leads, all of which articles I presume form parts of the equipment attached to his Department.

I have the honor to be &c
(signed) P. L. Townsend

Camp at Point Henry Geelong Bay
No 47/67. 11th September 1840.

Sir.

I do myself the honor to acknowledge the receipt of your Honors Letter No 47/67 desiring me to instruct Mr Assistant Surveyor Smythe Contractor to make his Survey of the Country in the neighbourhood of Lake Colac continuous with that which he has already completed near the source of the Barwon River and to inform you that I have directed him to do so by surveying a Parish on the West Bank of the Barwon and another on the East margin of Lake Colac by which means he can make the fifth Section Line West of the Barwon River the boundary of the two Parishes and then to mark off as much country in the neighbourhood of the Lake as he may deem advisable to be sold which I trust will meet with your Honors approbation.

I have the honor to be
Sir.
Your Honors most obedient humble servt
(signed) T. L. Townsend
Asst Surveyor in Charge

The Honble
C. J. Latrobe Esqr.

Survey Offices Melbourne
No 47/70. 29th September 1840

Sir.

Referring to my Letter No 47/63 by which I instructed you to Survey Allans Creek and Dandenong Creek I have to inform you that I learn from Mr G. D. Smythe that he has surveyed part of Dandenong Creek & therefore request that you will confine your survey to the Sources only of that Creek commencing at the point at which Mr Smythe began and work upwards by which means the whole Creek will be completed as Mr Smythe has surveyed it to its Mouth. Immediately on the completion of this you will draw your Maps in duplicate after which I shall give you further instructions.

I have the honor to be &c
(signed) P. L. Townsend

Mr Assistant Surveyor Smith.

Survey Offices Melbourne
No 47/71. 30th September 1840

Sir.

I have been desired by His Honor the Superintendent to request that you will transmit to this office, before commencing any other Survey, the Maps, in duplicate, of the Work which you have performed and for the payment of which some of the Money has been advanced.

I have the honor to be &c
(signed) P. L. Townsend
Asst Surveyor in Charge

Assistant Surveyor Brake
Contractor

Survey Office Melbourne
5th October 1840.

No 47/72

Sir.

I do myself the honor to transmit herewith a Map of Indented Head surveyed by Mr. H. P. C. Smythe also part of the Marabool River and its branches and of Native Hut Creek from the Northern boundary of the Parish of Moorabool upwards which were transmitted by that gentleman to this office during my absence at Geelong in his letter dated 30th September 1840.

I have the honor to be &c.
signed, T. S. Townsend.

The Surveyor General.

Survey Office Melbourne
6th October 1840.

No 47/73.

Sir.

I do myself the honor to enclose herewith returns, in duplicate, of the Sale of Melbourne and Geelong town allotments, held here on the 13th August last.

I have the hon. to be &c.
signed, T. S. Townsend.

The Surveyor General.

Survey Office Melbourne
6th October 1840

No 47/74.

Sir

In accordance with your Circular Letter No 24/605 of 31 October 1836 I do myself the honor to enclose herewith a quarterly return of the Equipment, Cattle and Stock under my charge accompanied by a requisition for such articles as are required.

I have the honor to be &c.
signed, T. S. Townsend.

The Surveyor General.

Survey Office Melbourne
16th October 1840.

No 47/75.

Sir.

I have been instructed by the Surveyor General to desire you to proceed to Sydney immediately prior to your being ordered to New Zealand. I have therefore to request that you will return to Melbourne without delay.

I have the honor to be &c.
signed, T. S. Townsend.
Acting Surveyor in charge

Mr. Draftsman Kemp

Point Henry
11th September 1840

No 47/68

Sir.

I do myself the honor to acknowledge the receipt of your Honors letter No 47/68 requesting me to report to you whether there is any building stone in the neighbourhood of Shelly Bluff and to inform you that I will obey your wishes immediately after the completion of the Survey of the Bar about which I have been engaged since Monday. The weather has been most unfavorable strong gales with heavy showers of rain. I have nearly completed the Southern or Boat Channel and my present impression is that if it can be cleared at all it will be rather a tedious and expensive work. My prospects is very plain as I have only a two oared boat and one good boatman lent me by Mr. Butterworth of the Customs Department, the other boatman is a man attached to my party and he is quite a novice. If the Harbour Master could be spared for a few days the business would be performed in a much shorter time for as the weather continues at present it has hitherto done I am quite unable to

His Honor C. J. Latrobe Esq.

to say when I shall complete this work with my present means.

I have the honor to be &c.
, signed, T.S. Townsend

Survey Office Melbourne
14th October 1840

No 47/76.

Sir.

I do myself the honor to enclose for your information a duplicate Return of the Sale of Williamstown allotments sold here, by auction, on the 15th September last.

The Surveyor General &c. &c. &c.

I have the honor to be &c.
signed, T.S. Townsend

Survey Office Melbourne
21st October 1840

No 47/77.

Sir.

I do myself the honor to request that you will forward an authority for me to draw my imprest of £60 from the 1st Instant.

The Surveyor General &c. &c. &c.

I have the honor to be &c.
, signed, T.S. Townsend.

Survey Office Melbourne
21 October 1840

No 47/78.

Sir.

Referring to your Letter No 47/258 in which you informed me that the Colonial Secretary having in his Letter No 47/372 of the 22 Jan. returned to you the sketch on which the petition of the inhabitants for a Scots Church School house and Ministers Dwelling and transmitted to you a plan and description thereof at my first commencing consulting & correspondence with the representation of the Presbyterian body as to the mode of division desired I do myself the honor to inform you that

my proceedings to the ground I found an error had been committed in the sketch and instead of allotments Nos 1. 2. 3 and 20 allotments Nos 10 - 11 - 12 and 13 of Section 21 were those intended to be selected by the Presbyterians the Ministers house having been built at an expense of about £500 on allotment No 13. I, therefore, at the request of the Presbyterians, measured the land which they originally intended to have selected and transmit herewith a plan and descriptions of the several allotments which I hope will meet with your sanction.

I have the honor to be &c.
The Surveyor General. &c., signed, T.S. Townsend

Survey Office Melbourne
21st October 1840

No 47/79.

Sir.

In obedience to your Letter No 47/309 in which you inform me you understand from Mr Hoddle that he has left in the office here a most complete map on 1/4 inch scale of the Port Phillip District with the ranges &c. laid down and requesting that I will forward to you a copy of the said map together with copies of any other plans that have not yet been sent to Head Quarters. I do myself the honor to transmit herewith a copy of Mr Hoddles Map and to state that all the Memoranda in pencil on my copy are written in the same manner by Mr Hoddle I am not aware that there are any more Maps in the office of which you have not a copy but should any be found I will immediately have such copies of them to you.

I have the honor &c.
Surveyor General. , signed, T.S. Townsend

Survey Office Melbourne
21st October 1840.

No 47/80.

Sir

Observing by the estimates that His Excellency the Governor and Legislative Council have voted the sum of £400 as the salary for the officer in charge of this branch of your Department for the year 1841 and from you having done me the honor to place me in this situation permits me to request your favorable recommendation to His Excellency in order that I may obtain the Salary in question.

Having now been ten years in your Department and employed in various parts of the Colony it is, I trust, unnecessary for me to enter into a detail of my services to induce you to interest yourself in my favor particularly as my work, the best proof I can offer of my zeal for the public service, has passed under your own observation and I have the satisfaction of knowing from the favorable expressions from time to time received from you that my efforts have been duly appreciated.

I have the honor to be &c
signed T. S. Townsend Surveyor

The Surveyor General

Survey Office Melbourne
21st October 1840

No 47/81.

Sir

In obedience to the instructions contained in your Honors Letter No 47/634 dated 14 August directing me to proceed to Geelong to report on the state and nature of the bar which obstructs the entrance into the Inner Harbour at that place and to fix on the site for a Bridge across the Marcoboot and line of Road towards Bacchus, also to mark the alternate likely

field at Geelong. I do myself the honor to inform you that I completed those duties and returned here on the 26th Ultimo but I have delayed to send this report as it was my wish to be enabled to offer an opinion as to the probable cost of removing this bar which I could only hope to do by gaining information as to this species of labor, Machinery &c. The bar extends across the Hobson in a Northerly direction from Point Henry. There are two passages through it, the Southern, or Back Channel and the Northern or "Old Channel" from Point Henry the bottom consists of Soft mud Sand and Shells to the extent of about half a mile from the Shore, at which point a hard sand bank commences. The best channel is at the Southern end of this sand bank over the Mud and has at low tide about 6 feet water at its shallowest part.

The average width being about 200 yards and three quarters of a Mile in length. In the centre of the channel I could, after using some considerable strength, force a spear about two feet into the bottom. The only boat I could procure was too small to allow me to use any mechanical power by which I could form an opinion as to the precise difficulty that might be in removing it.

The sand bank extends for about a Mile and a half Northerly and from about half a mile to a Mile East and West, there are many parts of it dry at low water. At the Northern end of the Bank the Old channel is situated. The bottom is precisely the same nature as in the opposite channel being soft sand Mud and shells which

extends

extends to the Southern shore of the Bay.

The depth of water in the channel varies much, on the Eastern side there is from 7 to 18 feet, on the Western side the soundings are not so good there being in one spot not more than 8 feet at low water.

To get a depth of water of 15 feet through the whole channel with a width of 200 yards it will be necessary to remove about 180000 cubic yards of mud. The width may be great but if it were less I think it would be impossible to keep the channel free and would be useless for sailing vessels as they could not beat against the prevailing wind which is Westerly.

A steam dredge will cost about £ 12,000 besides which there must be two lighters to attend on it. A difficult question would arise as to the spot when the Mud &c. which might be raised, could be disposed of. It would certainly not be desirable to sink it in any part of the Harbour of Port Phillip and to land it would be a very expensive work. After a most carefully considering the difficulty of obtaining labor, at most an exorbitant rate, the expense of Machinery, Coals &c. I am under the impression that it would be wise adopting a means the low value of £ 30,000 could be accomplished.

With regard to the Road leading towards Barwon I marked the line from within about 3 Miles of Geelong to the end of the Point of Shingle and fixed the site for the Bridge across the Moorabool at a point about three quarters of a Mile below Bates's Station as you will perceive by the accompanying Map. The whole line of Road is nearly level with the exception of the approach to the Valley on the Moorabool on either side. On the hill on the East bank near the Station

but quite practicable for wheel carriages and with a little labor may be made an excellent Road. That on the West Bank affords a gentle ascent and does not require any labor to be bestowed on it. A portion of the River is shown on the Plan. In the neighbourhood of Bates's Station there is a spot where the Bridge might be built at less expense than at the site selected by me but this would cause a great detour as this is the only place where it is possible to approach the Valley by a Road on the East Bank is that which I have selected.

The reason for my not commencing to mark the Road direct from the Town of Geelong was that Mr Clarke had not completed the Survey of the line from Melbourne to that place as that is likely to be the principal Road there. Referring concerning the Barwon Road I have as marked.

I took the earliest opportunity of marking the allotments at Geelong according to your wish and also the East side of Yarra Street from the Barwon to Corio Bay.

After completing the instructions contained in your Honors Letter I proceeded towards the Head of the Barwon and surveyed a line through parts of the Parishes of Moorabool, Yarrongyarrongmite, Gnarpurnong and Modewarre for the purpose of verifying Mr Smythe's Contract work which I found very correct.

I have the honor to be

Sir.

Your honors most obedient servant

signed. J. S. Grimwood.

His Honor
C. J. Latrobe Esq.
Superintendent

Survey Office Melbourne
No 4/82. 21st October 1840

Sir.

I do myself the honor to inform you that in consequence of Instructions received from His Honor the Superintendent I proceeded to Geelong for the purpose of Surveying the Bar and Shores of Inner Geelong Bay also a Road through the Parish of Ghoringhyk and I transmit herewith a Copy of my report to His Honor also Plans of the Harbour and Road.

I have the honor to be &c
Surveyor General. Signed, Thos. S. Townsend

Survey Office Melbourne
No 4/83. 21st October 1840.

Sir.

I do myself the honor to forward to your Honor a Copy of a Letter I have this day transmitted to the Surveyor General applying for the Salary of £400 per annum which is the sum voted by His Excellency the Governor and the Legislative Council for the officer in charge of this Branch of the Survey Department and I trust that my conduct since I have been under your observation has been such as merits from you a favorable recommendation to His Excellency

I have the honor to be &c
His Honor C. J. Latrobe Esqr &c &c &c
signed T. S. Townsend
Asst Surr: in Charge

Survey Office Melbourne
No 4/85. 27 October 1840

Sir.

I do myself the honor to enclose herewith plans and descriptions of the Parishes of Tullamarine and Bulla Bulla as surveyed by Mr Darlington Assist Surveyor I have examined the areas of each and find them correct.

I have the honor to be &c
Surveyor General. signed, Thos S. Townsend

Survey Office Melbourne
No 4/86. 18 November 1840

Sir.

I have to request that on completing the descriptions of the Villages of Merrinyal you will proceed to Survey the Parish of Bulleen on the South Bank of the Yarra Yarra. You will divide it into portions for Sale marking portions to the Trees marked with the Areas of each portion on your Map and forward to this office Plans in duplicate on a scale of two Inches to a Mile and one set of descriptions. you will be careful to show all Stations and portions which may have been cultivated and note the nature of the Soil and Timber.

In acknowledging the receipt of your Letter dated transmitting your Maps of the Neighbourhood of Darlington I expect it should be necessary for me to observe that I consider you occupied far too much time about them.

I have the honor &c
Mr Darlington Asst. signed, Thos S. Townsend

Survey Office Melbourne
26 November 1840.

No 47/87.

Sir.

I do myself the honor to transmit herewith a Map of the shores of Port Phillip from the Western boundary of the Parish of Prahran to the Mouth of Tanjenong Creek and Mordialloc Swamp Surveyed by Mr G. D. Smythe Contract Surveyor and to inform you that upon the receipt of it I immediately proceeded to the ground for the purpose of running lines of verification through the work the result of which is shewn by the green lines after traversing round a distance of twelve miles fifty one Chains my work closed to within about fifty links but I am sorry to say that I found a great many discrepancies in Mr Smythe's of from three to twenty five chains which will be perceived by reference to the Map. a red & corresponding letter shews the position of Mr Smythe fixed by Mr Smythe and myself. Those in the red lines being Mr Smythe's and those in the green mine.

It is quite evident that some errors must have arisen from plotting of which the lines C. D. and G. E. are proofs.

I have requested Mr Smythe to correct his errors and informed him that until that is done he must not proceed with any other work.

I have the honor to be Sir
Your most obedient humble Servant
signed, Thos. J. Townsend.

The Surveyor General.

Survey Office Melbourne
27 November 1840.

No 47/88

Sir.

I do myself the honor to transmit herewith a Plan and descriptions of the allotments in the Village of Warrigal which have been measured and marked out by Mr Watts.

I have the honor to be Sir
signed, T. J. Townsend

Surveyor General.

Survey Office Melbourne
27 November 1840.

No 47/89

Sir.

I do myself the honor to transmit herewith a Map of Boyce Point, Narrawarrawang and Bardenong Creeks which have been surveyed by Mr Watts.

I have the honor to be Sir
signed, T. J. Townsend.

Surveyor General.

Survey Office Melbourne
21st December 1840

No 47/90

Sir.

I do myself the honor to inform you that in compliance with your instructions of the 1st Instant I embarked on board the Prince George and proceeded to the Inlet beyond Cape Patterson which we reached on the 5th having had to beat against contrary winds the whole way. on the Morning of the 6th I left the Cutter in charge of Capt Moore and a boat's crew consisting of two Sailors and three prisoners and after surveying the Inlet I

I proceeded up the River which empties itself into it as far as a boat could go being a distance of about 10 miles. I shall forward to your Honor a Plan accompanied by a copy of my Journal without loss of time. It is my opinion in which Capt. Moore coincides, that the Inlet can never be available as a harbour as the Sea breaks completely across the Mouth for at least a Mile independantly of which after passing the Breakers we found the basin full of Shoals of both Mud and Sand, and the Mouth appear to shift very frequently.

After completing the Survey of the Inlet and River I made a diligent search for coal and was successful in only one instance having discovered a vein of about half an inch in thickness on the side of a cliff about ten Miles South West of the Mouth of the Inlet from the small quantity which I found I am afraid it will never be available.

I have the honour to be &c.
signed, T. S. Townsend

His Honor
The Superintendt.

Survey Office Melbourne
No 4/91. 21 December 1840.

Sir.

In compliance with your request I do myself the honor to transmit herewith a Journal of my proceedings during my tour to Anderson's Inlet together with some specimens of the coal which I found there

I have reduced my survey of the Inlet and River and placed it on the accompanied Map which I am drawing for your Honor

I have the honor to be &c.
signed, T. S. Townsend

His Honor
C. J. Latrobe Esq.

Survey Office Melbourne
No 4/92. 21 December 1840.

Sir.

I do myself the honor to transmit herewith a Survey of Shallow Inlet situated to the East of Cape Patterson, together with a copy of my journal kept during my absence from Melbourne on that duty which was proceeded in compliance with Instructions received from His Honor the Superintendent who gave them in consequence of a report that had been received from an individual named Cameron which stated that the Inlet was available as an anchorage for small craft and that the coal found in abundance in the neighbourhood might be shipped there.

After a careful survey of the Bay, Inlet and River I feel no hesitation in stating that it can never be available as a harbour as the shoals are shifting about daily and daily and the sea breaks across for about a mile out from the Mouth of the Inlet. I searched the neighbourhood for coal and found a vein of half an inch in thickness embedded in a cliff of Red sand stone

stone about two miles S.W. from the Inlet. There are a great many specimens of Petrified wood here and in the cliffs. The soil around the Inlet is of the poorest description and unworthy of Settlement the banks of the River.

Mr Latrobe has named the Inlet and River after Mr Anderson who was the first to discover it

I have the honor to be &c
signed, J.S. Townsend

The Surveyor General

Journal of proceedings of a Tour of discovery to Anderson's Inlet whither I was instructed to proceed by His Honor the Superintendent in consequence of a Report received from Mr Cameron

1840
30th Nov. At 6 A.M. left Melbourne accompanied by two prisoners on horseback and reached Geelong at 5 P.M. where his Honor the Superintendent from whom I received instructions to search for coal and survey the Harbour, if any, at Anderson's Inlet

1 Dec. Commencing at Geelong to day William Castles ordered to return from on board the Pilot Boat. At 10 A.M. embarked on board the Pilot Boat George having with me one seaman. Sailor.

The day was perfectly calm consequently remained at Anchor the whole Day.

2d Weighed anchor at day light the wind S.S.E. a very light breeze soon light breeze. at 4 P.M. came to anchor at the North end of the Western channel in Port Phillip Bay. Both wind and tide against us.

3 Dec. At 6 A.M. Weighed and proceeded to sea. At 8 Point Nepean bore Compass S.E. by E. distant one mile. at noon strong breeze steered sail leading to windward against a strong breeze varying from East to South, Cape Schanck bearing N.E. distant about 12 miles

4th The whole day beating to windward at 6 P.M. Cape Patterson bearing N. by E. distant about 18 miles. The wind from E.N.E to N. E. the whole day At 3 P.M. spoke the Channel Steamer on her first trip to Port Phillip

5th At 5 A.M. the Inlet bore N.N.E distant about 5 miles stood in for it at 6 A.M. left the Cutter accompanied by Capt. Moore and a boat's crew consisting of two seamen and three prisoners taking with us provisions for five days, ammunition &c

At 7.30 landed on the beach about half a mile S.E from the Mouth of the Inlet. The boat after being lightened of her cargo was hauled again and effected a landing at the mouth of the Inlet having proceeded through the Eastern channel in which the Water was from three to fifteen feet in depth. Tide apparently about half ebb. Ship from the Eastward. Commenced surveying the point of entrance and left the Eastern shore about one mile and a half. This Land very barren and covered with Scrub. Sea tree &c

At twelve o'Clock crossed the entrance and encamped on a Salt Creek at the Victoria side. Dug a well about four feet deep and found good water under the soil all sand. The country timbered with dead Gum Trees, thick and almost impenetrable scrub. At 3 P.M. commenced Survey of Victoria shore, chained about one mile of that and one and a half of the Sea shore, which I was induced to do in consequence of the appearance of an Inlet further West but on this Coast deceived.

At 7 P.M. returned to encampment

Sunday 6th

At 5:50 A.M. chained eighty for variation which gave it S. 48 E. At 6 Launched the boat and sounded the Victoria channel of the entrance found the shallowest part about three quarters of a mile from the East point, there being only five feet at the point returned and loaded the boat and at 8 A.M. proceeded up the Inlet towards an entrance which bore E. by S from the encampment about two miles distant

At 9 A.M. ascended the hill at the west side of which is a small salt creek about 10 yards wide and nearly dry at low water Obtained angles on all the principal points in the Inlet. No distant lands visible the weather being hazy. At 10 A.M. left the hill (noted in my field book as Bacis Head) and continued along the Northern shores of the Inlet off which the water is all shallow in fact dry at low water. the men having to drag the boat across the flats for nearly one mile before we could get water to float her. At 3 P.M. encamped on a marshy flat about

7th Dec.

three quarters of a mile S by W from a small range noted in field book as Mount Cotton. Plotted work of last evening and this morning. At 6 P.M. ascended Mount Cotton and obtained angles on Points near the mouth of the Inlet. The haze and smoke obscuring all view towards the East. Chained from base of Mount Cotton towards encampment.

The tide appeared to rise about two feet at the encampment.

Thunder storm in night. Dug four wells at and near the encampment but could get nothing but salt water. At 5 A.M. continued chaining along the Northside of the Inlet for a second base to prove the accuracy of the angles now taken yesterday. At 7 embarked and proceeded up to the Mouth of the River which is distant from Mount Cotton about one mile. It is about 100 yards wide and 3 fathoms deep but gradually decreasing for about 11 Miles up where its width is not more than 10 yards and depth 6 feet at about 9 or 10 miles up it receives one tributary which is about 40 yards wide and very shoal up it.

The current of the River is one mile per hour. The bed is formed of stiff blue clay so hard that it was mistaken for rock by the leadsman. The course is through a perfectly level country The banks are lined with a very dense growth of Tea Tree, except near the mouth where there are a few gum

Past

fleets. About 8 miles up the water becomes fresh. After having reached a point about 11 miles up the River, we were completely stopped by the fallen timber which lay in the bed of the River and the leaning trees that overhung it.

At this spot we found about 3 feet water and the breadth of the River about 10 yards from Bank to Bank. We were unable to use the oars the last three miles in consequence of the timber both on the Banks and in the Bed of the River blocking up the Channel. At 8 encamped on right Bank. Plotting detail of River. The Evening and Night Cloudy.

8th Dec.

At 8 A.M. commenced returning having substituted Paddles in lieu of oars. At noon reached the Mouth of the River and obtained angles from thence to several points previously fixed sounded the River in many places and found it vary much from 6 to 18 feet and the same in the Inlet off Mount Cutler in the Main Channel there is only six feet. The tide was ebbing fast and we were obliged to make sail in order to avoid being on the Mud banks all night as we could not find any main channel from the Mouth of the River to the Sea although there are many spots in which the water is deep. This evening Low Water at the heads at 6 o'Clock

Dec. 9th

Low water at 6 30 A.M. encamped at spot (marked A on plan) near the entrance to the Inlet.

Engaged in Plotting yesterdays work

The Boats crew employed in foraging for provisions and returned at Noon with seven young swans

At 2 P.M. went to Walls Head to obtain angles on points at East end of Bay which could not been seen on my first visit in consequence of the Heavy weather and I was equally unsuccessful on this occasion. Low water at 6.30 P.M. The sea breaking all across the mouth and for a mile from the shore.

10th Dec.

Walked along the beach in the direction of Seven cliff Point and searched the Country in that neighbourhood for Coal. There are many specimens of Petrified Wood among the Cliffs and one vein of Coal about half an inch thick embedded in the sand stone Cliff marked on the Map as Specimen point. The back thickly timbered with stunted Eucalyptus trees and undergrowth. In a small creek, a "Kiami" apparently built by a white man was found. Passed round the Cliffs ascertained the height of the highest to be 60 feet one foot. At 3 crossed the Mouth of Inlet and walked to a conical Sand Hill about 3/4 miles S.E. from the Mouth from the summit of which I obtained angles from seven Cliff point to Mount Cutler Encampment 7 7 during which time the Cutter lost sight of us. Returned immediately and found

everything packed up. Embarked on board the boat and pulled out towards the head but found it impossible to cross the bar. The Channel apparently having become choked with sand since 5 days before there was 6 feet water.

Returned on shore and bivouacked for the night. The evening nearly calm. The heavy sea which is running having been caused by yesterday's breeze.

11th Dec. At 7 AM. the morning perfectly calm obtained sights for variation which gives 8. 50 East. At 9.30 AM. embarked and pulled out to the Rowan Cutter which about one mile from the shore we encountered three very heavy rollers the first of which capsized two of the crew. At 10. 15 reached the Cutter which had been laying to in about 5 fathoms water. distant about half a Mile from the Breakers Mr. Woodroad the Mate of the Cutter informs me that in his visit to Western Port he met Mr. Anderson who told him that the River which we had been in takes there rise about 14 miles West from corner Inlet also that Mr. Anderson had told Mr. Cameron that he considered the entrance of the Lagoon quite impracticable for boats and that the Lagoon was not more than 10 miles long. The country he also stated was very barren which quite accords with what we have seen.

12 Dec. The Wind from the S. E. stood in for Port Phillip At 7 entered the Heads at 9 AM anchored at Williams Town.

1841.

Survey Office Melbourne
1 January 1841

No 4/1. Sir.

I do myself the honor to transmit herewith a Return of Equipment, Cattle and Convicts in my charge together with my own field equipment and that of Mr Nuttis accompanied by a requisition for articles required

I have the honor to be &c.
signed, T.S. Townsend
Asst Surveyor in Charge

The Surveyor General &c &c &c

Survey Office Melbourne
1 January 1841.

No 4/2. Sir.

I do myself the honor to transmit herewith a copy of a requisition for rations, forwarded in my letter dated 18th August last and to endorse another for four men making a total number of twelve

The reason so many men are required is that, since the date of my letter from have received Tickets of Leave and four others attached to my party are recommended for that indulgence and there are a few under recommendation in the Contractors parties. besides which Mr G.D. Smythe has never received any men from the Depot this party having been supplied from the Public Works and his Honor the Superintendent is very anxious to have them returned to it and informs me that he cannot allow any more men to be taken from the works therefore unless these requisitions are complied with the business of the Department must be at a stand still

I have the honor to be &c.
signed, T.S. Townsend
Asst Sur. in Charge

Surveyor General

Survey Office Melbourne
23rd January 1841.

No 4/3. Sir.

I do myself the honor to inform you that Mr Crawford Mollison has arrived here and states that he has entered into a Contract with the Government for the Survey of Crown Lands. As no instructions from you relative to his employment have been received at this office I have applied to His Honor the Superintendent who informs me that he is not aware from any official information that Mr Mollison has received a Contract. May I therefore request that you will at your earliest convenience, possible, inform me whether Mr Mollison has received your sanction to be employed as Contractor.

I have the honor to be &c.
signed T. Townsend
Asst Sur. in Charge

The Surveyor General &c &c &c