

TRINIDAD AND TOBAGO.

Council Paper No. 98 of 1915.

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MINES DEPARTMENT.

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Report of the Inspector of Mines for the year 1914-15.

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*Laid before the Legislative Council on the  
9th August, 1915.*

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## MINES DEPARTMENT.

### Report of the Inspector of Mines for the year 1914-15.

*Council Paper No. 98 of 1915.*

*M.P. No. 4290/15.*

HONOURABLE COLONIAL SECRETARY.

I have the honour to submit for the information of His Excellency the Governor the following report on the work of the Mines Department for the year 1914-1915.

#### OFFICIAL DUTIES.

2. In my last report I mentioned that it had been found necessary to form a separate Mines Department. Accordingly, the new Department was created as from the 1st April, 1914, with the following personnel:—

Mr. P. Stevens, formerly Assistant Director of Public Works, was appointed Inspector of Mines; Mr. A. P. Catherall, B. Sc., formerly 1st Assistant Inspector of Mines, was promoted to the post of Deputy-Inspector of Mines; the post of 1st Assistant Inspector was left vacant; Mr. N. Betancourt retained his appointment of 2nd Assistant Inspector; Mr. F. M. Sorzano of the Crown Lands Department was appointed to the newly created post of Draughtsman and Tracer; Mr. J. de Nobriga, formerly 2nd Clerk, Public Works Department, was appointed to the post of Chief Clerk; and Mr. W. H. Clark, formerly Assistant Clerk, was appointed 2nd Clerk.

Professor Cadman, the Expert Adviser to the Department, arrived on an official visit to the Colony on the 14th of July, and remained until the 1st of September.

#### LEAVE.

3. No leave of absence from the Colony was applied for by any officer of the Department during the year.

4. The following was the expenditure:—

##### *Personal Emoluments:—*

Inspector of Mines	...	...	...	£ 800 0 0
Deputy-Inspector	...	...	...	418 9 7½
2nd Assistant Inspector	...	...	...	250 0 0
Draughtsman and Tracer	...	...	...	135 0 0
Expert Adviser	...	...	...	312 15 6
Clerical Assistance	...	...	...	325 0 0
Porter and Messenger	...	...	...	37 10 0

£2,278 15 1½

##### *Other Charges:—*

Travelling Expenses	...	...	...	464 15 3
Expenses of Surveys	...	...	...	44 9 9
Instruments and Appliances	...	...	...	19 7 0
Contingencies	...	...	...	163 12 10½

Total ... .. £2,971 0 0

#### LEGISLATION.

5. The Regulations made by the Governor in Council on the 23rd August, 1912, under Section 8 of the Oil Mining and Refining Ordinance, No. 25 of 1911, and Section 3 of the Oil Mining and Refining (Amendment) Ordinance, No. 33 of 1912, were amended during the year. At the time of writing there are several very important matters under consideration, as for example—An Ordinance to amend and consolidate the law relating to the carriage, storage and use of Petroleum; amendments to the Regulations made under the Mines Regulation Ordinance, No. 13 of 1907, and the Mines Regulation (Amendment) Ordinance, No. 37 of 1909, &c., &c.

### WORK UNDER THE MINES, BORINGS AND QUARRIES ORDINANCES.

6. **MANJAK.**—The two companies engaged last year in the winning of this mineral have continued operations for a part of the year under review.

The Trinidad-Tarouba Oil Development Company sank two shafts, and was actively engaged in mining operations until the outbreak of war in August last when all work was suspended until the early part of January; since then operations have been resumed and a considerable quantity of manjak exported.

The Trinidad Manjak, Limited, under the management of Mr. J. C. T. Raspas, has suspended work in the mines near Williamsville, and has been engaged in prospecting operations some three miles away. Six shafts in all were sunk to exploit the mineral, but the Company was handicapped by the outbreak of war, and had to shut down for a considerable part of the year.

Regular inspections were carried out by the Officers of the Department, and the discovery, on one occasion, of the use of an unlocked safety lamp by the Foreman of one of the Mines led to his prosecution and subsequent well merited punishment.

7. **PETROLEUM.**—There has, I am pleased to say, been a considerable increase in the amount of drilling done during the past year.

The figures are as follows:—

	1912-13.	1913-14.	1914-15.
Private lands ...	31,358 feet	26,546 feet	19,516 feet.
Crown lands ...	11,111 „	15,387 „	38,453 „
Totals ...	<u>42,469 feet</u>	<u>41,933 feet</u>	<u>57,969 feet.</u>

The number of Wells drilled amounted to 65 as against 41 in the previous year (1913-14). Oil was struck in 38 of the 65 wells drilled. The total number of wells drilled in the Colony to 31st March, 1915, is 239, of which 112 are on Crown Lands.

In spite of the War there has been a satisfactory increase in the production of oil—36,753,931 imperial gallons in 1914-15 as against 22,523,060 imperial gallons in 1913-14 and 17,626,563 in 1912-13. This represents an increased production in 1914-15 of over 63 per cent. as compared with 1913-14, and of over 108 per cent. as compared with 1912-13.

8. At the close of the year there were ten Oil Companies engaged in the winning of oil, of which two commenced operations during the year.

9. The Trinidad Leaseholds, Limited, have carried out a great amount of work on their area in the Morne L'Enfer Reserve held under lease from the Crown. The roads have been considerably extended, new bungalows have been built, large earthen storage reservoirs have been constructed and a number of wells have been drilled. A good many of these wells are yielding considerable quantities of oil.

Towards the end of the year the Company started work on their Guayaguayare area, but, apart from general clearing up of the fields which had been abandoned since 1911, and clearing out some of the old wells, little work was done.

10. The Trinidad Lake Petroleum Company, Limited, have continued work on their Union Estate, but it has been mainly confined to getting a production from the old wells as no great amount of drilling has been done.

11. Negotiations regarding the lease to be issued to the United British Oilfields of Trinidad, Limited, have continued during the whole of the year, and, at the time of writing, are nearing completion.

A considerable amount of development work, both on Crown Lands and Private Lands, has been carried out, large areas have been cleared of bush, and a private road from the sea to connect with the Southern Central Road has been completed. Several wells have been drilled on the Crown Lands formerly held under Prospecting License by the Parry Syndicate, Limited.

12. The United British West Indies Petroleum Syndicate, Limited, commenced drilling operations towards the end of the year on Private Lands in San Fernando. In addition to this a Refinery was built by them at Point Fortin to deal with the oil produced by the United British Oilfields of Trinidad, Limited. At the time of writing additional works are being undertaken in other parts of the Colony.

13. The Trinidad Central Oilfields, Limited, continued work on the Crown Lands which they hold under Prospecting License. A considerable number of new wells have been drilled, from most of which a production has been obtained. The oil won by this Company has continued to be of the same quality as in former years, namely, a very light oil containing large percentages of petrol and kerosene.

Most of the oil won has been refined, part of the petrol and kerosene produced being sold locally. A fair quantity of petrol has also been exported to the United Kingdom and the neighbouring West Indian Islands.

14. The Venezuelan Oilfields Exploration Company, Limited, continued drilling operations until shortly after war broke out when attention was merely paid to the extraction of oil from wells already drilled. Additions have been made to the Refinery, and a considerable amount of crude oil has been refined, the petrol produced being sold locally whilst the residue has been sold to the local Sugar Factories. During the year this Company was taken over by the Trinidad Oil and Transport Company, Limited, which latter company also took over the properties of the Consolidated Oilfields of Trinidad, Limited.

15. The Petroleum Development Company, Limited, have during the whole of the year continued work under their Prospecting License over Crown Lands in the Morne L'Enfer Reserve. A considerable number of wells have been drilled, and a large production has been obtained. This production has been pumped to Brighton and disposed of to the Trinidad Lake Petroleum Company, Limited. The chief work, apart from the winning of oil, has been the extension of the roads.

16. Drilling has been continued on a comparatively small scale by Mr. C. C. Stollmeyer on his Perseverance Estate at Guapo. Fair quantities of oil have, however, been extracted from wells already drilled. Additions were made to the Refinery which was worked during a part of the year and then closed down.

17. Drilling operations were continued by the Cruse Syndicate, Limited, during the first half of the year, and oil was struck. A storage tank and an additional bungalow were built, and work was then suspended for the remainder of the year.

18. The oil Concessions of Mayaro (Trinidad), Limited, continued drilling operations during the greater part of the year.

19. The Trinidad Oil Leases, Limited, did no drilling during the period under review. From the wells already drilled they extracted small quantities of oil, some of which was used locally for fuel, and the remainder exported to the neighbouring Islands.

20. The Trinidad-Tarouba Oil Development Company, commenced drilling operations with a small portable rig on Springvale Estate at San Fernando, but, upon the outbreak of war, ceased operations.

21. Negotiations regarding the lease to be issued over Crown Lands formerly held under Prospecting License by the Petroleum Options, Limited, have continued during the whole of the year. At the time of writing, however, the matter seems likely to be completed in the near future. During the whole period work has been closed down.

22. Drilling work was carried on during the early part of the year by the Trinidad Silverstream Oilfields, Limited, and the Icacos (Trinidad) Development Company, Limited, but nothing has been done by either Company since the outbreak of war.

23. The amount of royalty collected on oil won from Crown Lands during the year amounted to £9,466 13 0½, of which £6,647 11 7½ was in respect of Prospecting Licenses and £2,819 1 5 in respect of Leases. In the latter amount is included the fixed certain rent of £2,000 paid by the Trinidad Oilfields, Limited.

24. The various returns in connection with the winning of oil have been received regularly from the Oil Companies, and have been carefully checked and filed with the records in the office.

25. INSPECTIONS.—The Oilfields have been regularly inspected by the Officers of the Department, and, in most cases, the Ordinances and Regulations have been found to be followed satisfactorily. In cases where breaches were discovered the offenders were warned, as it was not considered necessary to institute legal proceedings. In addition to the regular inspections it has been found necessary to pay a fairly large number of special inspections in connection with Royalty, Refineries, Pipe-lines, &c.

26. LICENSES.—Either Exploration or Prospecting Licenses have now been issued over practically the whole of the remaining Crown Lands available. During the year two Exploration Licenses aggregating 42,250 acres were issued—one to the Ortoire Syndicate in respect of the area of 42,216 acres originally licensed to the Anglo-Scottish Investment Corporation, Limited, and the other to the United British West Indies Petroleum Syndicate, Limited, in respect of 34 acres at San Fernando.

Only one new Prospecting License has been issued—this was to Sir W. Ingram, and covers an area of 5,429 acres.

In addition to the above 974 acres were added to the Prospecting License already held by the Cruse Syndicate, Limited.

Renewals of Prospecting Licenses over 6,867 acres received approval.

27. QUARRIES.—With the exception of some of the Government Quarries they are mostly very small. In all 71 quarries have been worked during the year. Of these 31 employ an average of 5 or less persons, 25 employ between 6 and 10 persons, and 15 employ more than 10 persons, daily. Five prosecutions were undertaken for breaches of the Ordinance and Regulations, and the offenders either fined or reprimanded.

**WORK UNDER THE ASPHALT INDUSTRY REGULATION ORDINANCE,  
No. 10 OF 1906.**

28. There has been very little work carried out during the past year, only two "Notices to Commence" having been received, and, as far as one can judge, this industry has greatly declined in importance. No additional land has been declared "Asphalt Bearing" under Section 7 of the Ordinance, and, therefore, all digging has been confined to the village lots at La Brea.

The number of levels taken during the year was 303 as against 500 in the previous year, and 2,589 in the year 1912-13. The total number of levels taken to date is 22,576.

One application for a Certificate of Loss under Section 11 of the Ordinance was received, and, as the adjoining lands were found to have been unduly depleted, a certificate was issued.

No application to dig by permit under Section 9 was received during the year.

29. APPENDICES.—I am pleased to say that hardly any difficulty has been experienced this year in obtaining the returns under the Ordinances from which the appendices to this report are prepared.

Appendix A shows the average number of persons employed and the quantity and value of minerals obtained. The average number of persons employed is but very slightly less than last year. Owing to the War there has been a considerable falling off in the quantity of Asphalt extracted—110,289 tons as against 226,634 tons during the year 1913-14.

The list of accidents is given in Appendix B, and represents isolated cases of a purely accidental nature such as are incidental to all industrial operations.

Appendix C gives the list of Mines, Borings and Quarries worked during the year.

30. GENERAL REMARKS.—During the early part of the year the Oil Industry shewed promise of very rapid development, and although development work has been carried on very successfully by several Companies since, there is not the least doubt but that I should have been in a position to have submitted a much more favourable report had not War broken out in August.

In the beginning of the year a considerable quantity of Crude Oil in bulk was exported, but, since the outbreak of War, the export of Oil has been confined to small quantities in barrels.

In June the first cargo of Oil for the use of the Admiralty was shipped from the Point Fortin Oilfields by the S.S. "Aragaz"—a Tanker, chartered by the Admiralty. This steamer returned in July for a further supply which was despatched the day after War was declared.

It is never advisable to be unduly optimistic, but I cannot help thinking that so soon as the War is over and normal conditions are restored there is a bright future in store for the Oil Industry of Trinidad.

31. STAFF.—It affords me great pleasure to be able to place on record my appreciation of the very able and loyal assistance I have received from each and every Member of the Staff during the past year.

25th June, 1915.

P. STEVENS,  
Inspector of Mines.

## APPENDIX A.

Daily average number of persons employed and quantity and value of Minerals obtained from Mines, Oilfields and Quarries during the financial year ended 31st March, 1915.

MINERAL.	Daily average number of persons employed.		Total.	Quantity.	Approximate value.	
	Males.	Females.			£	s.
Manjak ... ..	77	10	87	729 tons ...	2,976	5 0
Oil ... ..	1,252	24	1,276	36,753,931 Imp. gals.	136,336	8 4
Asphalt (Crude, Epurée, &c.) ...	601	11	612	110,289 tons ...	74,541	15 10
Private Quarries (Limestone, Gravel, &c.)	217	88	305	91,678.85 tons ...	5,194	11 5
Government Quarries (Limestone, &c.) ..	439	88	527	60,864.02 ,, ...	7,311	10 8½

NOTE.—The difference in value between metal won from Private Quarries and Government Quarries is that the former consists of both Limestone and Gravel whilst the latter is chiefly Limestone.

## APPENDIX B.

List of accidents which occurred at Mines, Oilfields and Quarries during the financial year 1914-15 reported under Section 19 of Ordinance No. 13 of 1907.

Name of Mine, Oilfield or Quarry.	Date.	No. of Accidents reported.			
		Minor.	Serious.	Fatal.	Total.
Petroleum Development Company, Limited...	2nd April, 1914	1	...	...	1
Ram Sewdass Quarry ... ..	14th ,, "	...	...	1	1
The Pitch Lake	9th May, ,,	...	1	...	1
	1st June, ,,	...	1	...	1
	19th ,, "	...	2	...	2
	20th July, ,,	1	...	...	1
Trinidad Leaseholds, Limited ...	12th May, ,,	1	...	...	1
	8th August, ,,	1	...	...	1
	10th ,, "	...	1	...	1
	19th September, ,,	1	...	...	1
	18th November, ,,	1	...	...	1
	19th ,, "	1	...	...	1
	30th December, ,,	1	...	...	1
	7th January, 1915	...	1	...	1
La Brea Asphalt Works ... ..	26th May, 1914	...	1	...	1
Duke Street Quarry ... ..	2nd June, ,,	1	...	...	1
Trinidad Central Oilfields, Limited	30th July, ,,	...	...	1	1
	22nd September, ,,	...	...	1	1
Ramjohn Quarry ... ..	31st July, ,,	...	...	1	1
Trinidad Lake Petroleum Comp'y, Limited	10th August, ,,	1	...	...	1
	20th November, ,,	1	...	...	1
Sanchuchu Quarry ... ..	19th August, ,,	1	...	...	1
Trinidad Oilfields, Limited ...	6th March, 1915	...	1	...	1
		13	9	4	26

APPENDIX C.—List of Mines, Oilfields and Quarries worked during the financial year 1914-15.

No.	Name.	Situation.	Owner and Address.	Manager.	Daily average No. of persons employed.	Mineral worked.
<i>Mines.</i>						
1	Williamsville ...	Savana Grande	Trinidad Manjak, Limited, San Fernando	J. C. T. Raspass	...	Manjak.
2	Hardbargain ...	"	" " " "	"	22	"
3	Gordon Pits ...	"	" " " "	"	24	"
4	Vistabella ...	San Fernando	Trinidad-Tarouba Oil Development Company, 27, Pine Street, New York, U.S.A.	J. J. Waddell	41	"
5	La Brea Asphalt Works ...	La Brea	C. F. Stollmeyer, Port-of-Spain	C. Phelps	136	Asphalt.
6	New Trinidad Lake Asphalt Company, Limited	Pitch Lake	New Trinidad Lake Asphalt Co., Ltd., London, England	W. D. Fowler	403	"
7	Roman Catholic Church Lands	La Brea	His Grace the Archbishop of Port-of-Spain	F. L. Savary	73	"
<i>Oilfields.</i>						
1	Oil Concessions of Mayaro (Trinidad), Limited	Rio Claro, Mayaro road	The Oil Concessions of Mayaro (Trinidad), Limited, 79, Bishopsgate, London, E.C.	H. D. Fletcher	48	Oil.
2	Perseverance Estate	Guapo	C. C. Stollmeyer, Port-of-Spain	E. Pereira	10	"
3	Trinidad Oil and Transport Company, Limited	Barrackpore	Trinidad Oil and Transport Company, Limited, London and San Fernando	G. A. Peat	74	"
4	Trinidad Oil and Transport Company, Limited	Rousillac	Trinidad Oil and Transport Company, Limited, London and San Fernando	"	10	"
5	Trinidad Silverstream Oilfields, Limited	Oropuche	Trinidad Silverstream Oilfields, Limited, 6, Broad Street Place, London, E.C.	C. E. Burrows	20	"
6	Cruse Syndicate, Limited	Guapo	Cruse Syndicate, Ltd., 79, Bishopsgate, London, E.C.	H. D. Fletcher	47	"
7	Trinidad Leaseholds, Limited	Oropuche	Trinidad Leaseholds, Limited, 76, Marine Square, Port-of-Spain	H. S. Fuller	166	"
8	Idem	Guayaguayare	Trinidad Leaseholds, Limited, 76, Marine Square, Port-of-Spain	"	22.68	"
9	Petroleum Development Company Limited	Brighton	Petroleum Development Company, Limited, Brighton	W. D. Fowler	195	"
10	Trinidad Lake Petroleum Company, Limited	"	Trinidad Lake Petroleum Company, Limited, Brighton	"	309	"
11	Icacos (Trinidad) Development Company, Limited	Icacos	Charles Henry Smallwood, "Receiver for Debenture Holders." 7, Martin Lane, London	J. H. Smith	5	"
12	Trinidad Oilfields, Limited	Point Fortin	United British Oilfields of Trinidad, Limited, 32, Bishopsgate, London, E.C.	F. J. Fleming	301	"
13	Trinidad Central Oilfields, Ltd.	Tabaquite	Trinidad Central Oilfields, Limited, 79, Bishopsgate, London, E.C.	H. P. Ingram	51.27	"
14	Trinidad Oil Leases, Limited	Cap-de-Ville	Trinidad Oil Leases, Limited, 6, Drapers Gardens, London	G. Trestrail	2.5	"
15	Trinidad-Tarouba Oil Development Company	San Fernando	Trinidad-Tarouba Oil Development Company, 27, Pine Street, New York	C. E. Burrows	2	"

APPENDIX C.—List of Mines, Oilfields and Quarries worked during the financial year 1914-15.—CONTD.

No.	Name.	Situation.	Owner and Address.	Manager.	Daily average No. of persons employed.	Mineral Worked.
16	United British West Indies Petroleum Syndicate, Ltd...	San Fernando	United British West Indies Petroleum Syndicate, Limited, Port-of-Spain and London	F. J. Fleming	13	Oil.
	<i>Quarries.</i>					
1	Trelawne ...	Montserrat ...	E. F. Stone, Tabaquite ...	E. Manohur ...	4	Gravel.
2	Alexander ...	Carapichaima ...	J. Alexander, Carapichaima ...	J. Alexander ...	5	"
3	Ramjohn ...	San Juan ...	Ramjohn, Tunapuna ...	Kalban ...	20	"
4	Villamar ...	Gaspree ...	F. Herrera, 40, South Quay ...	H. James ...	4	Limestone.
5	Chickland Road ...	Chickland, Caparo ...	Chawarram, Todd's Road ...	Bagwandeem ...	4	Gravel.
6	Chawarram ...	Montserrat...	"	M. Sutton ...	3	"
7	Hansai ...	San Juan ...	Hansai, San Juan ...	Jugdeo ...	9	"
8	Bandhoo ...	Santa Cruz ...	Bandhoo, San Juan ...	T. Jeffra ...	5	Gravel & Boulders.
9	Shaw ...	North of Eastern Quarry	D. Shaw, 50, Gloster Lodge ...	D. Shaw ...	2	Limestone.
10	Low ...	Carapichaima ...	E. Low, Upper Carapichaima ...	J. Loshin ...	2	Gravel.
11	Usine ...	San Fernando ...	St. Madeleine Sugar Company, Limited, San Fernando	O. P. Bennett ...	6	"
12	Nagaralee ...	Todd's Road ...	Nagaralee, Todd's Road ...	H. David ...	5	"
13	Duke Street ...	Port-of-Spain ...	V. Prime, Port-of-Spain ...	C. Attwell ...	10	Limestone.
14	Havering Estate ...	Cumuto ...	W. H. Carpenter, Cumuto ...	W. H. Carpenter ...	4	"
15	Mahabir ...	San Juan ...	Mahabir, San Juan ...	Jonwa ...	2	Gravel.
16	St. Ann's ...	St. Ann's ...	L. Veerasawmmy, St. Ann's ...	N. Charles ...	4	Limestone.
17	Smith ...	San Juan ...	J. T. Gittens, 25, Tragarete Road	W. W. Smith ...	2	Gravel.
18	Rassule ...	Montserrat ...	Rassule, Carapichaima ...	H. David ...	7	"
19	Perseverance Estate	Guapo ...	C. C. Stollmeyer, Port-of-Spain	E. Pereira ...	8	Oil sand.
20	Ram Sewdass ...	Montserrat ...	Ram Sewdass, Todd's Road ...	B. Sewdass ...	7	Gravel.
21	La Pena ...	Clifton Hill ...	Mrs. Blackman, 5, Duke Street	A. Forbes ...	4	Limestone.
22	La Coulée ...	San Fernando ...	Heirs of Mary Joaquin, San Fernando	F. E. Oliveira ...	2	Gravel.
23	Las Champs Elysees	Maraval ...	P. de Boissière, Maraval ...	C. Mohan ...	10	Gravel and sand.
24	St. Joseph ...	San Fernando ...	A. Harewood and P. Pickering, San Fernando	P. P. Pickering ...	2	Gravel & boulders.
25	St. John Street ...	St. John Street ...	J. T. Gittens, 25, Tragarete Road	J. Lashley ...	7	Limestone.
26	La Pastora ...	Santa Cruz ...	Charles Pegus, Santa Cruz ...	C. Pegus ...	18	"
27	Basilon Street ...	East Dry River ...	J. T. Gittens, 25, Tragarete Road	J. Lashley ...	12	"
28	Quarry Street ...	Port-of-Spain ...	"	"	8	"
29	Circular ...	Circular Road, San F'do	Borough Council, San Fernando	J. J. Waddell ...	2	Gravel.
30	Tennis Class ...	Laventille Road ...	J. T. Gittens, 25, Tragarete Road	J. Lashley ...	7	Limestone.
31	Pierre's ...	San Fernando ...	L. Charles, San Fernando ...	C. Lucas ...	1	Gravel.
32	Prizgar ...	St. Joseph Road ...	J. T. Gittens, 25, Tragarete Road	J. T. Gittens ...	9	Gravel.
33	Kanhai ...	Carapichaima ...	Kanhai, Upper Carapichaima ...	Chalitar ...	4	"
34	Clifton Hill ...	Laventille ...	J. T. Gittens, 25, Tragarete Road	J. Lashley ...	9	Limestone.
35	Hermitage ...	Claxton's Bay ...	C. Stollmeyer, Port-of-Spain ...	P. P. Pickering ...	6	"
36	Cassim ...	San Juan ...	Cassim, San Juan ...	E. Francis ...	8	Gravel.
37	Forres Park ...	Forres Park Estate lands	Messrs. Henderson Brothers, Claxton's Bay	J. P. C. Hinkson ...	20	Stones and shells.
38	Masson ...	Chaguaramas ...	Geo. Dranguet, Port-of-Spain	F. B. Masson ...	5	Limestone.

APPENDIX C.—List of Mines, Oilfields and Quarries worked during the financial year 1914-15.—CONTD.

No.	Name.	Situation.	Owner and Address.	Manager.	Daily average No. of persons employed.	Mineral worked.
39	Campo Street ...	San Juan ...	J. T. Gittens, 25, Tragarete Road ...	C. H. Gittens ...	7	Limestone.
40	Champ Fleurs ...	Champ Fleurs ...	F. J. Gransaul, St. Joseph ...	L. Brown ...	5	"
41	Bon Accord ...	Pointe-à-Pierre ...	P. Glendinning, Port-of-Spain ...	A. Jamadhar ...	28	Sandstone.
42	Queen Street ...	East Dry River ...	W. Park, Basilon Street ...	J. Hinds ...	6	Limestone.
43	La Pique ...	San Fernando ...	Canadian Presbyterian Mission, San Fernando ...	A. Jamadhar ...	3	Gravel.
44	Glendale ...	"	H. R. McClean, San Fernando ...	H. R. McClean ...	8	"
45	San Juan ...	San Juan ...	F. J. Gransaul, St. Joseph ...	L. Brown ...	3-50	"
46	River Estate ...	Diego Martin ...	Trinidad Government, Port-of-Spain ...	District Officer ...	10	Limestone.
47	Cutucupano ...	Santa Cruz ...	" " " " ...	" " " " ...	6	"
48	Trinidad Government Railway	St. Joseph ...	" " " " ...	J. W. Stewart ...	11	"
49	Matchapoorie ...	Talparo Road ...	" " " " ...	District Officer ...	9-4	"
50	Sanchuchu ...	Tamana Road ...	" " " " ...	" " " " ...	13-2	"
51	Mayo ...	Mayo Village ...	" " " " ...	" " " " ...	10	"
52	Morichal ...	Morichal ...	" " " " ...	" " " " ...	8	"
53	Guaracara ...	Guaracara Village ...	" " " " ...	" " " " ...	4	"
54	Corosal ...	Corosal Road 3rd mile ...	" " " " ...	" " " " ...	4	"
55	Morne Diable ...	Morne Diable Road ...	" " " " ...	" " " " ...	17	"
56	Plum ...	Manzanilla ...	" " " " ...	G. Cumberbatch ...	5	"
57	Whim ...	Tobago ...	" " " " ...	District Officer ...	4	Dead rock.
58	Grange Main Road ...	" ...	" " " " ...	" " " " ...	5	Limestone.
59	Providence ...	" ...	" " " " ...	" " " " ...	5	Dead rock.
60	Moruga ...	Moruga Road ...	" " " " ...	" " " " ...	9	Sandstone.
61	Prisoners ...	Laventille ...	" " " " ...	Supt. of Prisons ...	45-35	Limestone.
62	Plum Road ...	Sangre Grande ...	" " " " ...	District Officer ...	55	"
63	Guaioco-Tamana Road, 8th, 10th, 11th and 14th miles ...	" " " " ...	" " " " ...	" " " " ...	22	"
64	Pointe Radix Road ...	Mayaro ...	" " " " ...	" " " " ...	12	"
65	Carrera Island ...	Carrera Island ...	" " " " ...	Supt. of Prisons ...	141-9	"
66	Mount Hope ...	San Juan ...	" " " " ...	J. McInroy ...	2	"
67	Eastern Quarry ...	Laventille ...	" " " " ...	Asst. Engineer, Public Works Department ...	96	"
68	Southern Central Road, 7-1/4 mile ...	Siparia ...	" " " " ...	District Officer ...	4-87	Porcellanite.
69	Siparia ...	" ...	" " " " ...	" " " " ...	16	"
70	Buenos Ayres ...	Erin ...	" " " " ...	" " " " ...	6	"
71	La Ressource ...	" ...	" " " " ...	" " " " ...	6	"