MLMR
MINISTRY OF LANDS \& MINERAL RESOURCES

## 2015

Annualreport

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$2^{\text {nd }}$ October, 2019

Hon. Jone Usamate
Minister for Infrastructure, Meteorological Services, Lands and Mineral Resources
iTaukei Trust Fund Complex
SUVA.

Dear Sir,

I have the pleasure of submitting to you the Ministry for Lands and Mineral Resources Annual Report for the year ending $31^{\text {st }}$ December 2015, to be presented to Parliament.

Presented in the report are the Ministry's overall achievements in delivering its services to the people of Fiji. The report also highlights the ministry's financial performance and the commitment of our staff towards building a better Fiji for everyone.

Yours faithfully,


Dr. Raijeli Taga (Mrs.)
Permanent Secretary for Lands \& Mineral Resources

# PERMANENT SECRETARY 

LANDS \& MINERAL RESOURCES | STATEMENT


Dr. Raijeli Taga
Permanent Secretary for Lands \& Mineral Resources

The year 2015 has been an exciting and unique year for the Ministry of Lands and Mineral Resources. With its responsibility to effectively administer state land and mineral resources, the Ministry through the implementation of work programmes was able to accomplish many of its outcomes outlined in its Annual Corporate Plan.

In addition, the staff of the Ministry has worked diligently to implement strategies and initiatives to bring about outstanding results.

As highlighted in this report, the Ministry has recorded the following remarkable achievements:
i. First Reticulation Project for Groundwater Development at the Sigatoka Valley
The initiation of the Ministry's first reticulation project for groundwater development in Nakavika Settlement, Sigatoka Valley. In contribution to the Sustainable Development Goals (SDG 6), Clean Water and Sanitation, the ministry was able to perform its duties in providing access to water for Fijians;
ii. Enhancement of the National Geospatial Information

This year saw the execution of 2 Projects; the National Land Use Master Plan and National Land Register whereby land use data is updated and digitised, later contribute to a more-up-to-date National Geospatial Information;
iii. Women Empowerment

The appointment of women to managerial positions demonstrates the ministry's recognition and support for gender equality in a workforce; and
iv. The Launching of the 2015 Operational Manual
The formulation and implementation of the first ever Standard Operating Procedure (SOP) for the Ministry is a milestone achievement.

The challenges of the 2015 financial year became a springboard for the ministry to look within and recognize its own potentials to bring about change and significant results.

I must commend the management team and the staffs for their perseverance, commitment and sacrifice. With that, it is my pleasure to present to you the 2015 Annual Report.

Vinaka Vakalevu,


Dr. Raijeli Saga (Mrs.)
Permanent Secretary for Lands \& Mineral Resources

## OUR VISION

Vibrant, Equitable, Dynamic Management of our Land \& Minerals for a Sustainable Environment and Economic Future.

## OUR MISSION

Implementing the established platforms by:

- Vigorously executing government's reforms and policy initiatives on lands, mineral and groundwater Resources;
- Providing outstanding administrative and facilitative services to our customers without compromising the relevant legislation and policies;
- Adopting appropriate technological changes and modern approaches to ensure timely and quality services;
- Strengthening revenue information system and improving revenue collection;
- Embracing a corporate culture by adhering to the Service Excellence Framework and the Ministry's Service Charter;
- Leading, motivating and developing team leaders and members to be effective and efficient in all formal engagements;
- Developing a sense of societal and environmental responsibility;
- Recruiting, developing, motivating, rewarding and retaining capable personnel through good leadership and conducive working environment.


## OUR VALUES

In addition to the Civil Service Values contained in the Public Service Act 1999, the Ministry aspires to achieve the following values:

- Honesty \& Integrity
- Commitment
- Responsiveness
- Sharing and Caring
- Respect \& Equity
- Professionalism
- Transparency and Accountability
- Innovation
- Inclusivity



## MINISTRY'S OVERVIEW

The Ministry of Lands \& Mineral Resources is made up of two Departments, namely the Department of Lands \& Survey and the Department of Mineral Resources.

The Department of Lands \& Survey is responsible for the effective and efficient administration, development and management of all State land initiatives. Activities under this programme include Surveying, Geo Spatial Information, Land Valuation, Development and Maintenance of State Land, Geographic Information System and additionally the Land Use unit which coordinates the implementation of Government land reform initiatives to improve socio economic growth focusing on equitable returns to landowners and the security of tenure for the tenants.

The Department of Mineral Resources oversees and facilitates development of the country's mineral sector and groundwater resources. The department undertakes studies in relation to geological hazards, mineral and groundwater development and manages the development of the mining and quarrying sector with a mandate under the Mining, Petroleum (Exploration and Exploitation), Quarries, Explosives and continental shelf.

The daily operations of the Ministry are guided by the following Legislations and Regulations:

## DIRECT

| 1. | Land Use Decree 2010 \& Land Use Regulations |  | 9. | Rivers and Streams Act |
| :--- | :--- | :--- | :--- | :--- |
| 2. | Land Transfer Act |  | 10. | State Lands Act |
| 3. | Surveyors Act |  | 11. | Land Sales Act |
| 4. | Subdivision of Land Act |  | 12. | Valuation Registration Act |
| 5. | Agriculture Landlord and Tenant Act |  | 13. | State Acquisition of Lands Act |
| 6. | Oil and Petroleum Act |  | 14. | Mining Act |
| 7. | Explosives Act |  | 15. | Property Law Act |
| 8. | Quarry Act |  |  |  |

## INDIRECT

| 1. | Environment Management Act |  | 7. | Local Government Act |
| :--- | :--- | :--- | :--- | :--- |
| 2. | Fisheries Act |  | 8. | Public Trustees Act |
| 3. | Forestry Act |  | 9. | Burial and Crematorium Act |
| 4. | Native Lands Trust Act |  | 10. | ITaukei Lands Act |
| 5. | Town Planning Act |  | 11. | Public Health Act |
| 6. | Roads Act |  |  |  |

## OUR STRUCTURE



## DEPARTMENT OF LANDS

## LAND USE DIVISION

## OVERVIEW

The Land Use Act 2010 sets the legal framework for the designation and utilization of iTaukei and State Land administered by the Land Use Division.

## STAFF STRUCTURE

The Director Land Use is the head of the Division who has two (2) Principals: Principal Land Use Officer and Principal Surveyor Land Use Unit. There are three (3) officers: Senior Technical Officer, Senior Valuer and Senior Marketing Officer.

## ACHIEVEMENTS

| TARGETED OUTCOMES | ACHIEVED |
| :--- | :--- |
| Total Acreage | $3307 \mathrm{ha} / 2000 \mathrm{ha}$ |
| Total Number of LOU/ Public Awareness | $26 / 20$ |
| Total number of land parcels deposited into the Land Bank | $6 / 20$ |
| Number of Land Capability Studies | $16 / 20$ |
| Number of designated i-Taukei land surveyed | $25 / 20$ |
| Number of Valuations | $16 / 8$ |
| Number of Designations Utilized | $2 / 2$ |
| Lease Monitoring | $16 / 25$ |


| TOTAL ACREAGE - TARGET: $\mathbf{2 0 0 0}$ HECTARES | ACHIEVED |
| :--- | :--- |
| Total number of land Surveyed | 25 Designated Land |
| Total Number of land surveyed plans lodged | 16 Survey Plans |
| Total number of Survey plans approved | 8 Surveys |
| Survey yet to be lodged | 9 Surveys |

## Survey Plan Lodgment - Survey of land designated.

|  | SURVEY | TOTAL |
| :--- | :--- | :--- |
| 1. | Survey Plan Lodged | 4 |
| 2. | Survey Plan on Requisition | 2 |
| 3. | Survey Plan Approved | 3 |
| 4. | Survey Plan Resubmitted | 4 |
| 5. | Scheme Plan Lodged | 5 |

Total number of LOU/Public Awareness: Achieved 26/20

|  | LOCATION | NUMBER OF AWARENESS |
| :---: | :---: | :---: |
| 1. | Nadroga | 3 |
| 2. | Kadavu | 10 |
| 3. | Rewa | 7 |
| 4. | Bua | 6 |

## Land Capability Studies: 15/20 Achieved

1. Mat Matanivanua, Waitoga, Lomaiviti
2. Mat Keteisese (Lot 21), Navuevu, Nadroga
3. Mat Navalevatu, Vatukacevaceva, Ra
4. Mat Naikasarua, Vatukacevaceva, Ra
5. Mat Qalitu, Nabasovi, Lomaiviti
6. Mat Nakorolevu, Nabouwalu, Bua
7. Mat Korolevu, Naocobau, Ra
8. Mat Qalitakala, Nakaunakoro, Kadavu
9. Mat Noilovo, Voua, Nadroga
10. Mat Keteisese (Lot 23), Navuevu, Nadroga
11. Naqalimare , Navosa, Nadroga
12. Tokatoka Naviagoiratu, Ba
13. Mat Vuninokonoko, Kalokolevu, Rewa
14. Mat Naivi , Qarani, Lomaiviti
15. Yavusa Waidau, Navuloa, Lomaiviti

## Lease Monitoring: 16/25 Achieved

|  | LESSEE | LAND | AREA (HA) |
| :---: | :--- | :--- | :--- |
| 1. | National Water Spring | Nananu, Tailevu | 43.3006 |
| 2. | Tevita Vuibau | Matavatucou, Tailevu | 48.8633 |
| 3. | Marika Dakuwaqa | Dedega, Tailevu | 11.58 |
| 4. | Jone Matawalu | Vunivesi, Dawasamu, Tailevu | 19.62 |
| 5. | Anasa Turaga | Tova, Nakorotubu ,Ra | 63.37 |
| 6. | 480 Holdings | Nakorosago, Nananu, Ra | 117.79 |
| 7. | Kaiming Agriculture Investment LTD | Vakabalea, Navua | 38.49 |
| 8. | GS Energy | Matenamanu, Nadroga | 71.0910 |
| 9. | Tahir Ali | Matasawalevu, Dreketi, Macuata | 5.871 |
| 10. | Ganesh Prasada | Matasawalevu, Dreketi, Macuata | 8.257 |
| 11. | FSC | Mataqali Devo, Seaqaqa, Macuata | 687.97 |
| 12. |  | Nawailevu, Bua | 150.7 |
| 13. | AURUM Exploration | State Land, Dreketi, Macuata | 218.90 |
| 14. |  | State Land, Navakasiga, Bua | 1.0408 |
| 15. |  | Mataqali Naita, Bua | 38.84 |
| 16. | VODAFONE | Mataqali Nalutu, Bua | 9523 sqm |

Designated Land: 6/8 Achieved

|  |  | LAND D | ITED IN THE LAND BANK |  |
| :---: | :---: | :---: | :---: | :---: |
| No. | LU Ref. | Mataqali | Location | Area [ha.] |
| 1. | LU 3/17/4 | Mataqali Qalitu | Nabasovi, Koro Island, Lomaiviti | 14.54 |
| 2. | LU 3/2/1 | Mataqali Natodre | Waiqanake, Wailekutu, Rewa | 1014 |
| 3. | LU 3/7/7 | Mataqali Natogo | Rabulu, Tavua, Ba | 160.2612 |
| 4. | LU 3/63 | Mataqali Vunilolo | Naselai, Nuku, Tailevu | 4.364 |
| 5. | LU 3/7/10 | Mataqali Korolevu | Naocobau, Nakorotubu, Ra | 19.05 |
| 6 | LU 3/17/6 | Mataqali Matanivanua | Waitoga, Nairai, Lomaiviti | 17.84 |
| TOTAL FIRST QUARTER |  |  | TOTAL | 1230.0552 |



Figure 1: Site Inspection: Malomalo


Figure 2: Sales Analysis Sigatoka

## Number of Valuations 16/8 Achieved

1. 39 valuation reports (Legalega Subdivision-Tokatoka Vunamaoli)
2. Mataqali Qalitu, (Koro Island)
3. Equitorial Trading Ltd- Mataqali Natodre, Rewa.
4. Mataqali Qalitakala -Kadavu Island
5. Nausori Town Council - Buy Back Land(Nausori Village)
6. Mataqali Raralevu, Serua
7. 480 Holdings Ltd (Mataqali Nakorosago)
8. 6 valuation reports-Naqalimare, Navosa
9. Oak Mines Fiji Ltd- Mataqali Noibuli, Bavu
10. Airports Fiji Ltd- Mataqali Vunilolo, Naselai Village
11. Mali Island, Vanua Levu

## Capital Project

| PROJECT | PROGRESS |
| :--- | :--- |
| Vunamasei | Awaiting Government Tender Board decision for <br> Residential <br> Subdivision |
| Tender has been completed and TEC <br> recommendation drawn up. |  |
| Suba Residential | Request to GTB for a Variation endorsement to <br> facilitate the change from 4 lots to 12 lots for Yako <br> Residential Subdivision as per TOR of CSC 49/2014 |
| Tender Award (CSC 57/2014 (1)). |  |
| WesEng Ltd has completed Engineering design for 12 |  |
| lots but are now awaiting DTCP approval after |  |
| comments are received from stakeholders |  |



Figure 3: Development Construction Legalega (Phase 1)

## CHALLENGES \& WAY FORWARD

| CHALLENGES |  | WAY FORWARD |
| :---: | :--- | :--- | :--- |
| 1. | In-accessible designation and the need to <br> identify viable land for leasing. | Business plan re-engineering to secure viable land <br> designated for leasing. |
| 2. | Misconception about the land-bank reform <br> Programme. | Increase consultation and awareness; aggressive <br> marketing at all levels; village/Tikina/Marketing agencies <br> and overseas missions. |

## GEOSPATIAL

## INFORMATION MANAGEMENT DIVISION

## OVERVIEW

The division is headed by the Director of Geospatial Information Management who reports directly to the Permanent Secretary for Lands and Mineral Resources on administrative matters whilst to the Director of Lands on technical matters. It is an integral part of the Lands Department with core responsibility of managing geospatial information.

The task not only aligns the division with data captured within the division but all that are required for the formulation of a strategic information system. That is incorporating data from the State Land Administration, the Survey Division, Valuation and from other agencies within government and stakeholders.


Figure 4: Geospatial Officers with GPS

The division set its target on:-

- providing efficient mapping and aerial photography services to meet national requirements;
- coordinate and implement land computerize system and the ultimate establishment of a National Spatial Data Bank Infrastructure;
- development and coordinate cadastral and land tenure system;
- providing efficient information and statistics on status and rights to land; and
- support for the Land Reform initiative.


## STAFF STRUCTURE

The Head of the Division is the Director Geospatial Information Management and has three (3) Principal Officers: Principal FGIS, Principal Mapping and Principal Plan Examiner. The Geospatial Information Management Division composes of six (6) separate work units, that is:

1. Fiji Geospatial Information System (FGISC);
2. Air Survey;
3. Statutory;
4. Plan Assessment;
5. Cartography; and
6. Draughting (Mapshop).


Figure 5: Customer Service (Customized Map Sales)

## ACHIEVEMENTS

| NO. | OUTPUT/STRATEGY | ACHIEVEMENT |
| :--- | :--- | :--- |
| 1. | Customized Maps | $648 / 700$ |
| 2. | Topographic Maps | $4 / 9$ |
| 3. | Charting | $199 / 185$ |
| 4. | Approved Plans | $291 / 185$ |
| 5. | Preparation of Sate Land Lease \& Land Acquisition Diagrams | $1415 / 1560$ |
| 6. | Historical Searches \& scan old reports | 195 |
| 7. | IT Support Services : Maintenance of hardware \& equipment | $1634 / 1500$ logs |
| 8. | Revenue sales and maps | $\$ 97,932.88 / \$ 120,000$ |

## CHALLENGES \& WAY FORWARD

| CHALLENGES | WAY FORWARD |  |
| :---: | :--- | :--- |
| 1. | Accessing and collecting data from data <br> custodians. | Establish network and communication with stakeholders <br> and formalize data sharing through MOUs |
| 2. | Identify alternative sources of imagery and <br> relevant processing. | Purchase of satellite imagery and software for processing <br> and analysis. |
| 3. | Consolidating National Geospatial <br> Information. | Establish the Land Use Master Plan and National Land <br> Register projects. |



Figure 6: Aerial Photogrammetry


Figure 7: Applications \& Database


Figure 8: Survey Plan Assessment


Figure 9: System Support

## LANDS ADMINISTRATION

## OVERVIEW

The Lands Division administers, manages and develops State Lands in accordance with the State Lands Act, Property Law Act, Land Sales Act, Land Transfer Act, Agriculture Land lord and Tenant Act [ALTA]. In facilitating this task, the division is also responsible for the;

- Processing of new or Lease Renewals, License Applications including Foreshore Licenses
- Preparation, Execution, Stamping and Registration of Legal documents.

In addition to headquarters, the division maintains subsections in divisional offices.

The Lands Administration Division is responsible for the effective and efficient administration and management of all State land in Fiji. This Division is in fact one of the major backbone of the Department of Lands, responsible for one of the major output of the Department, which is the issuance of State Leases and processing of its various types of land dealings. Actually, State Land covers about 4 percent of the total land mass in Fiji.

## STAFF STRUCTURE

The Director of Lands is the head of the Division who is assisted by the Assistant Director Lands. The 3 Divisional offices, Central Eastern, Western and Northern report to the Assistant Director Lands.

## ACHIEVEMENTS

The Division is currently responsible of administering a total of about 15,721 leases all over Fiji and the distribution of leases handled by each division are detailed in the table below:

| TOTAL NUMBER OF LEASES | TOTAL CENTRAL/EASTERN | TOTAL NORTHERN | TOTAL WESTERN |
| :---: | :---: | :---: | :---: |
| 15,721 | 6,384 | 1,840 | 7,497 |



Figure 10: Discussion on the importance of farm management for state land agricultural leases - addressing non-cultivated land.

## CHALLENGES \& WAY FORWARD

|  | CHALLENGES | WAY FORWARD |
| :---: | :---: | :---: |
| 1. | Capacity building | - Staff to go through induction course of the ministry. <br> - Following this, they must also go through technical training for the operation of the Division |
| 2. | Updating of Land Administration System | Ensure that Land Administration System must be maintained |



Figure 11: Lands Headquarters Team


Figure 12: Ministry Foreshore Clean-up

## VALUATION DIVISION

## OVERVIEW

There are 5 Sections within the Valuation Division namely; Acquisition and Special Valuation, Rating Valuations, Rental and Estates, Native Leases to State and Statistics \& Property Market Research Section. Each undertake its duties and responsibilities as follows:

1. Acquisitions and Special Valuations
2. Rating Valuations
3. Rental and Estates Section
4. Native Leases to State
5. Statistics and Property Market Research
6. Secretariat of the Valuers Registration Board

## STAFF STRUCTURE

The Chief Valuer is the head of the division who is assisted by Principal Value for the iTaukei Leases to State and Principal Valuer Acquisition \& Special Valuation. The Divisional Offices, Central Eastern and Western, also have valuation units who are led by a Senior Valuer.

## ACHIEVEMENTS

| TARGETED OUTCOME: LAND RESOURCES DEVELOPMENT AND MANAGEMENT |  |  |  |
| :--- | :--- | :---: | :---: |
| OUTPUT | ACTIVITY | TARGET | ACHIEVEMENT |
| Licensing, Compliance <br> and Monitoring - <br> Survey and Valuation <br> $\mathbf{2 0 1 5}$ | Facilitate the timely registration of <br> Valuers and Surveyors in accordance with <br> the respective acts | 3 | 2 |

[Continue next page]
[Continuation of Valuation Achievements]

| TARGETED OUTCOME: LAND RESOURCES DEVELOPMENT AND MANAGEMENT |  |  |  |
| :--- | :--- | :---: | :---: |
| OUTPUT | ACTIVITY | TARGET | ACHIEVEMENT |
| Land Management <br> Services - Lease and <br> Valuation and State <br> Land Management; <br> Land Survey and <br> Developments | Production of Monthly Sales | iTaukei Leases to State: - Administration <br> of State Leases on i-Taukei Land- 2015 | 160 |
| 141 |  |  |  |
|  | Undertake and submit valuation requests <br> for issue of new leases | 1735 | 152 |
|  | Undertake land acquisition for public <br> purposes under the state acquisition of <br> Lands Act cap 135 | 60 | 1216 |
|  | Undertake valuation for municipal <br> councils as per Local Government Act Cap <br> $125-2015$ | 247 | 37 |

## CHALLENGES \& WAY FORWARD

| CHALLENGES |  |  |
| :---: | :--- | :--- | | WAY FORWARD |
| :--- |
| 1. | | Valuation processes require approvals and decisions from other |
| :--- |
| stakeholders and these have impacted the achievement of certain |
| targets |$\quad$| Improve networking and |
| :--- |
| relationships with stakeholders. |



Figure 14: Field Work for proposed Nadi Flood Alleviation Project


Figure 15: Assessment of compensation for proposed work (Nadi Alleviation project)

## SURVEY DIVISION

## OVERVIEW

The Survey Division is one of the major division within the Ministry assigned to attend to survey works requested from various stakeholders. The Division examines all land surveys lodged by Registered Surveyors in accordance with the Surveyor Act Cap. 260 and Surveyors Regulation.

The Survey Division plays a key role in achieving the Government's main objective in Pillar 6 i.e. "Making More Land Available for Productive and Social Purposes", by checking that proper land surveys are done and approved before it is registered at the registrar of titles office and issued proper leases.

The survey division are stationed at 4 different areas:

## - CONTROL SECTION

The Control Section is earmarked to develop and provide the network of survey control system nation-wide which integrates the many isolated surveys implemented by either government or individual surveyors on behalf of their clients throughout the country.

The control systems established are permanent and are the basis for all development work in Fiji such as engineering surveys, cadastral surveys, topographical surveys, photogrammetric surveys and construction works. All control marks established around Fiji are of high precision and accessible.

## - DIVISIONAL SECTIONAL OFFICES

Their task is to carry out survey of land transfer, engineering, topographical, building \& engineering set out (where appropriate), mahogany lease surveys in Nukurua and Naboutini and surveys of Government Institutions leasing iTaukei Land. Each three divisional offices have a survey section.

## STAFF STRUCTURE

The Surveyor General is the head of the Division who has two (2) Principals: Principal Surveyor Control and Principal Surveyor Land Use Division. There are four (4) Senior Surveyors which are part of the Divisional Offices; two (2) in the Central Eastern office, one (1) in the Northern officer and one (1) in the Western office.


## ACHIEVEMENTS

| SPECIFIC <br> AGENCY <br> OBJECTIVES | TARGET OUTPUT | ACHIEVEMENT/PROGRESS |
| :--- | :--- | :--- |
| National <br> Geodetic <br> Infrastructure | Nadi Control Survey |  |



Figure 17: Survey of Government Stations


Figure 18: Town Survey


Figure 19: Ono-i-Lau Survey

## CHALLENGES \& WAY FORWARD

| CHALLENGES |  | WAY FORWARD |
| :---: | :--- | :--- |
| 1. | Rough terrain and remoteness of the work site. | Proper planning whereby teams depart early and <br> also work overtime in the field to complete tasks |
| 2. | Adverse weather conditions and changing weather <br> patterns. | Setting up of fly camps and teams are given <br> relevant equipment \& camp items. |



Figure 20: National Geodetic Framework


Figure 21: Ono-i-Lau Survey


Figure 22: Qamea Health Centre Survey
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RESOURCES

## GEOLOGICAL SERVICES DIVISION

## OVERVIEW

The Geological Services division is tasked with developing groundwater resources of Fiji and provide geological hazard assessment and earthquake / tsunami monitoring. To facilitate such responsibilities, the Division is made up of 4 sections tasked with respective thematic roles namely the Hydrogeological section, Drilling section, Seismology section and Laboratory section.

The Division conducts extensive groundwater investigations and assessments at various locations throughout Fiji.

## STAFF STRUCTURE

The division is headed by the Manager Geological Services and has 2 Principal Officers.

## ACHIEVEMENTS

## 1. HYDROGEOLOGY SECTION

| 2015 | GEOPHYSICS INVESTIGATION | PRELIMINARY /RECONNAISSANCE VISIT |
| :---: | :---: | :---: |
|  | 45 | 21 |
| Total GW Preliminary Assessment and Geophysics <br> Investigations for the year | 66 |  |

## 2. DRILLING

The groundwater borehole development targeted 20 boreholes to drill and develop. Despite its challenges; the Section managed to archive its output of drilling 20 boreholes with a success rate of $80 \%$.

From the 20 boreholes, 1 was drilled for commercial purposes at Navutulevu, Serua. A preliminary low rate pump test was conducted with positive indications, but more work is required to confirm such findings.

The project benefited 12 rural communities and 3 schools. The provision of boreholes has rippling effects towards combating poverty in the local communities.

| 2015 | NO. OF BOREHOLES DRILLED | ABANDON WELLS |
| :--- | :---: | :---: |
| Quarter 1 | - | - |
| Quarter 2 | 5 | 1 |
| Quarter 3 | 4 | 1 |
| Quarter 4 | 7 | 2 |
| Total | $\mathbf{1 6}$ | $\mathbf{4}$ |

Summary table of the boreholes drilled by the Drilling Section for 2015

|  | BOREHOLE <br> \# | LOCATION | DEPTH <br> (M) | DISCHARGE <br> RATE (L/S) | DURATION (HRS) | $\begin{aligned} & \text { YIELD } \\ & \text { (L/DAY) } \end{aligned}$ | COMMENTS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | BH 15/01 | AOG, Navutu | 71 | 1.2 | 6 | 25,920 | Completed |
| 2. | BH 15/02 | Uluisila, Sigatoka WAF | 60 | 5.2 | 24 | 449,280 | Completed |
| 3. | BH 15/03 | Tau, Nadroga | 71 | 0.2 | 3 | 2,160 | Completed |
| 4. | BH 15/04 | Kiobo, Bua | 50 | 0.8 | 10 | 28,800 | Completed |
| 5. | BH 15/05 | Kubulau District School, Bua | 71 | 0.35 | 12 | 15,120 | Completed |
| 6. | BH 15/06 | Namalata, Kubulau | 53 | 0.35 | 10 | 12,600 | Completed |
| 7. | BH 15/07 | Nawamagi village 1, Sigatoka | 46 | 0.1 | 8 | 2,880 | Completed |
| 8. | BH 15/08 | Nadrala, Sigatoka | 57 | 0.8 | 12 | 34,560 | Completed |
| 9. | BH 15/09 | Nawamagi 2 (Naroro), Sigatoka | 60 | - | - | - | Abandoned dry well |
| 10. | BH 15/10 | Rararua - Rukuruku School, Sigatoka | 40 | 1 | 12 | 43,200 | Completed |
| 11. | BH 15/11 | Raviravi, Bua | 30 | 0.8 | 10 | 28,800 | Completed |
| 12. | BH 15/12 | Navutulevu, Serua 1 | 90 | - | - | - | Abandoned insufficient water |
| 13. | BH 15/13 | Nakorokula village, Nadroga | 70 | 1 | 6 | 21,600 | Completed |
| 14. | BH 15/14 | Qwali/Quali, Sigatoka | 33 | 0.8 | 10 | 28,800 | Completed |
| 15. | BH 15/15 | Navutulevu, Serua 2 | 16 | - | - | - | Abandoned sufficient water, but bedrock not reach |
| 16. | BH 15/16 | Navutulevu village, Serua 3 | 70 | 1.6 | 24 |  | Completed |
| 17. | BH 15/17 | Savusavu Public School, Nadroga | 30 | 2.4 | 8 | 69,120 | Completed |
| 18. | BH 15/18 | Kavanagasau settlement 1, Sigatoka | 70 | 0.5 | 0 | - | Abandoned water quality |
| 19. | BH 15/19 | Narata village, Sigatoka | 35 |  |  |  | Progress pump test 2016 |
| 20. | BH 15/20 | Kavanagasau settlement 2, Sigatoka | 60 |  |  |  | Progress pump test 2016 |

## 3. WELL DEVELOPMENT

The 2 sections (Hydrogeology and Drilling) were able to conduct 14 well developments at various locations with their focus on borehole cleaning / flushing.

The MRD was directed a new role, that is the reticulation of groundwater developments projects for 2016. The reticulation project was initiated in 2015 at Nakavika Settlement in Sigatoka valley which was officially commissioned by the Hon. Prime Minister. This was followed by 2 ongoing reticulation projects at Navutu in Nadroga and Delaikamaya in Tovata.

|  | LOCATIONS | COMMENCEMENT AND COMPLETION DATES | PROJECT OFFICERS | COMMENTS |
| :---: | :---: | :---: | :---: | :---: |
| 1. | Naiyagi, Navua (WAF Borefield) | 18/03-22/03 | A.Laqila/SCaw aru | Conducted upon request by WAF, constant rate tests were conducted for two wells in December |
| 2. | Nakavika | 27/03 | A. Laqila \& Taito Bale | Flushing conducted prior to reticualtion |
| 3. | Dubalevu | 25/04-29/04 | S.Saheem \& A. Raikabula | Flushing of 4 boreholes were conducted MAFF |
| 4. | Dobuilevu <br> Research <br> Station | 26/07 | S. Saheem \& J. Railala | Flushing conducted upon request by MAFF |
| 5. | Nasoso <br> Research <br> Station | 26/08-28/08 | S. Saheem \& JBese | Flushing conducted upon request by MAFF |

## 4. LABORATORY

The Laboratory Section was able to surpass the numbers of water samples received for chemical and microbiological analysis from within the department as well from outside/private clients. The section was able to analyse 425 water samples out of the 240 targeted.

There were 2 major purchases made by the section which amounted to $\$ 337,917.43$. The items purchased are: the new AAS Microwave Digester and the upgrade of the geochemical lab. The upgrade of the lab will continue to 2016.

|  | QTR. 1 | QTR. 2 | QTR. 3 | QTR. 4 |
| :--- | :---: | :---: | :---: | :---: |
| Hydro - Chemical samples | 29 | 30 | 60 | 50 |
| Hydro Microbiological samples | 7 | 13 | 9 | 8 |
| Environment samples | 38 | 53 | 13 | $\mathbf{2 8}$ |
| Private samples | 23 | 18 | 27 | 13 |
| Surveys | 3 | 0 | 2 | 1 |
| TOTAL SAMPLES | $\mathbf{1 0 0}$ | $\mathbf{1 1 4}$ | $\mathbf{1 1 1}$ | $\mathbf{1 0 0}$ |
| ACP TARGET | 60 | 60 | 60 | 60 |

## 5. DRILLING EQUIPMENT PURCHASE

The purchase of the water well drill rig with related equipment was through Government's budgetary allocation of $\$ 2.6 \mathrm{M}$. The drill rig arrived in the 4 th quarter of 2015 . The new multidrill (FRASTE) was commissioned by the MLMR Minister at Navutulevu drill site together with one week training organized by the supplier (FRASTE) for the drillers.

## 6. GEOLOGICAL HAZARD ASSESSMENT AND EARTHQUAKE MONITORING

Services provided by the Seismology Section consisted of routine monitoring for seismic activities and tsunami warning for detection of seismic events in Fiji. This also included detection of regional events and potential risks it may pose. All detected events for the year are recorded within the Seismology database.

|  | $\mathbf{1}^{\text {ST }}$ QUARTER | $\mathbf{2}^{\text {ND }}$ QUARTER | $\mathbf{3}^{\text {RD }}$ QUARTER | $\mathbf{4}^{\text {TH }}$ QUARTER | TOTAL |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Local | 79 | 73 | 62 | 88 | 302 |
| Regional | 159 | 206 | 181 | 278 | 824 |
| Total | 238 | 279 | 243 | 366 | 1126 |

## 7. AWARENESS

The section was able to conduct awareness for 82 centers out of the 80 targeted for the year. The earthquake and tsunami awareness mainly focused on coastal communities (villages / settlements). The coastal areas covered the coast of Serua province, Kubulau district, and Koro Island, Gau Island, and Nakasaleka district in Kadavu.

## 8. ASSESSMENTS

## a. Reconnaissance Survey (21)

| 1. | Vatukaroa, Saqani, <br> Cakaudrove | $\mathbf{8 .}$ | Qara Block C, Qara, Ba | 15. | Matawailevu, Ra |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 2. | Navisabasaba, Nadroga | 9. | Naboutolu, Ra | 16. | Nakorokula, Sigatoka |
| 3. | Bavu, Nadroga | 10. | Baulevu, Naitasiri | 17. | Tokaimalo,Ra |
| 4. | Barotu District School, <br> Ra | 11. | Nukuloa, Ra | 18. | Narata, Sigatoka Valley |
| 5. | Namata settlement, <br> Nadroga | 12. | Naqaiqai Settlement, <br> Mr Mason Smith. | 19. | Kabisi Settlement, <br> Lomawai-Nadroga |
| 6. | Coboni, Ra Fish <br> Hatcheries | 13. | Macanabu, <br> Nukubalavu, Savusavu | 20. | Mr James Sigh, Deuba- <br> Navua |
| 7. | Rotuma Council <br> Groundwater Survey <br> (Commercial purpose) | 14. | Raranitiqa Spring, <br> Nabulini, Tailevu | 21. | Balenabelo, Nadroga |

b. Geophysics Survey (42)

| 1. | Carpenters Water Fiji Ltd, Tavua | 15. | Mr Jainedra Kumar | 29. | Taveuni Dive Resort |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2. | Raviravi, Kubulau, Bua | 16. | Nadrala settlement, Navosa | 30. | Qara Block C, Ba |
| 3. | Mr. Dhirend Chand | 17. | Navukebuli,Macuata | 31. | Uluisila settlement, Cuvu, Nadroga |
| 4. | Rahmatullah Kahn Memorial School, Natodola | 18. | Mr Monsoon Khan | 32. | Mr. John Kean Shea, Soqulu-Taveuni |
| 5. | Waisa, Kubulau-Bua | 19. | Nawamagi village, Navosa | 33. | Kavanagasau, Sigatoka |
| 6. | Mr Jai Prasad, Nawaicoba. | 20. | Legalega MPI Station, Nadi | 34. | Kubulau District School, Kubulau-Bua |
| 7. | $\begin{aligned} & \text { Bipen - Nasarawaqa, } \\ & \text { Bua } \end{aligned}$ | 21. | Korovou, Kubulau-Bua | 35. | Nakorokula village, Sigatoka |
| 8. | Mr Richard Seidman, Taveuni Estates | 22. | Rukuruku District <br> School, Rararua | 36. | Nasesevua, Kubulau-Bua |
| 9. | Mr Maciu Nadre | 23. | Veisaru, Ba | 37. | Namalata, Kubulau-Bua |
| 10. | Mataqali Noro, Lekutu, Bua | 24. | Kubulau Bua Area | 38. | Savusavu Public School |
| 11. | Mr Collin Cranes, Taveuni Estate | 25. | AOG Navutu, Nadroga | 39. | Waisa, Kubulau-Bua |
| 12. | Mr Shiu Raj | 26. | Naiyala High School, Tailevu | 40. | Qara Block C, Ba |
| 13. | Garry \& Loise Notil, Naduri, Macuata | 27. | Nasesevua, KubulauBua | 41. | Naveisabasaba |
| 14. | Nawamagi, Navosa | 28. | Tau settlement (Mr. Ajay), Nadroga | 42. | Nakanacagi, Tailevu |

## 9. LIBRARY

The Department's library contained geological information's and publications. It also includes mining files, company reports and has donated periodicals and technical reports. The Library service is for internal and external customers.

The total Library sales for 2015 were $\$ 1,886.80$. These include the sale of geophysical data, digital maps, hard copy maps, memoirs and photocopy publications. A Total of 114 customers were served at the library this year.

| MONTH | INTERNAL | EXTERNAL | REVENUE \$ |
| :---: | :---: | :---: | :---: |
| $\mathbf{1}^{\text {st }}$ Quarter | 20 | 33 | 422.20 |
| $\mathbf{2}^{\text {nd }}$ Quarter | 7 | 28 | 902.60 |
| $\mathbf{3}^{\text {rd }}$ Quarter | 4 | 13 | 271.60 |
| $\mathbf{4}^{\text {th }}$ Quarter | 3 | 6 | 290.40 |
| TOTAL | 34 | 80 | $\$ \mathbf{1 8 8 6 . 8 0}$ |



Figure 23: Borehole at Nadelei and Ra


Figure 24: Awareness Tour - Seismic and Tsunami Monitoring Centre

## CHALLENGES \& WAY FORWARD

| CHALLENGES |  | WAY FORWARD |
| :---: | :--- | :--- |
| 1. | Non-availability of transport. | Proper planning of projects and field visits |
| 2. | Poor weather conditions causes delays | Proper planning and equipment of teams when <br> going out into the field |

## GEOLOGICAL SURVEY DIVISION

## OVERVIEW

The Geological Survey Division is responsible to provide geoscience advisory and information; geoscience advice \& information, regulate the development of minerals, hydrocarbon and geothermal resources within Fiji and its EEZ and also to provide information on geohazards.

The division is responsible for the implementation of the Mineral Investigation Program (MIP). This is implemented by selecting priority areas in Fiji for geoscience mapping and surveys. The assessment of potential areas for mining and petroleum production, providing advice on geohazards issues and identifying quarrying areas in Fiji. The Division also provides geoscience information services, industry consultation and support for geotechnical surveys.

The Division comprises of 3 major sections (Geological Mapping, Engineering Geology \& Offshore Geology) whose key roles are to:

1. carry out geological mapping surveys;
2. conduct studies on oceanographic processes to mitigate coastal erosion;
3. provide timely geosciences information to the industry and stakeholders ; and
4. carry out geotechnical assessments on foreshore developments infrastructure developments, landslides, with sand, gravel and aggregate assessments for development purposes.

## STAFF STRUCTURE

The division is headed by the Manager Geological Survey, with 7 officers working under the Manager.

## ACHIEVEMENTS

Activities undertaken for the year include mineral explorations at Nuku Prospect, Naitasiri and Komave Prospect in Nadroga. Navakadadara in Nasarowaqa, Bua and Conua in Sigatoka, Nadroga were included later towards the $2^{\text {nd }}$ half of the financial year.

Three geological reports were completed in the last quarter of the year with the fourth (Conua prospect) having field notes. These reports included the Komave, Nuku, and Navakadadara Geological Reports, together with these are the corresponding technical reports for their respective sites.

Fieldwork was carried out on the 4 targeted areas in Viti Levu and Vanua Levu. Geochemical mapping was undertaken to identify potential alteration and mineralization zones for anomalies within these areas based on previous exploration studies. The following field work base maps were digitized for each prospect and these include:

1) Sample location maps (rock chip, stream sediment \& ridge sediment samples)
2) Traverse maps
3) Geology \& structural maps
4) Alteration and mineralization maps


Figure 25: Locality maps for Nuku \& Komave Prospects (highlighted in yellow) within the Viti Levu Tenement Map


Figure 26: Geological Mapping along Komave River


Figure 27: Coastal Mapping along Mango Bay

## ENGINEERING GEOLOGY SECTION

The section completed and submitted a total of seventeen (17) geotechnical briefs, eight (8) advisory memos and twenty nine (29) geotechnical reports. Requests for these geotechnical assessments were received from government agencies, private companies, local communities and individuals.

Majority of the projects achieved centered on commercial and community infrastructure development projects, river and coastal assessments, aggregate surveys, and landslide assessments.

Projects achieved for the year included;

1) assessments for the scoping works for the Sporting Complex at Sawaieke,Gau;
2) relocation program for Wailotua Village No. 1;
3) development of the new Ba Mission Hospital and hazard assessment at the Vunidawa Hospital, the new site for the Ministry of Defense Headquarters; and
4) risk hazard assessment for the Sawani - Serea Road Improvement Project and the geotechnical assessment for the proposed Natovi Development Project.

Minor projects involved infrastructure developments on land for commercial purposes and hazard assessments for district schools around Fiji; (Nasautoka District School, Tailevu, Ravitaki District School, and Nabukelevu-i-ra District School, Kadavu, Saioko District School, Ra, and Nalagi Primary School, Nadroga)


Figure 28: GPS Profiling at Tian Tian Project Site


Figure 29: Landslide assessment at Naivicula Village, Navua

## ENVIRONMENT DIVISION

## OVERVIEW

The Division assesses Environmental Impact Assessments (EIA) for proposed developments in the industry. Some key duties include conducting regular environmental monitoring of all existing mine sites, quarry sites and other developments; assisting other departments in the enforcement of the Environmental Management Act (EMA) 2005 in aspects of environmental issues if required; and conducting awareness program around areas of development and to the public when required.

During the financial year, the division inspected active mines at Vatukoula Gold Mines Limited, XINFA Aurum (Nawailevu) and quarries. This is to ensure compliance with the EMA. This excludes the monthly monitoring on the Namosi Copper Prospect during exploration and rehabilitation site work.

In addition, the unit is also responsible for the assessments of Environmental Impact Assessments (EIAs) and Environment Management Plans (EMPs) of proposed river gravel extraction, fine sand dredging and foreshore development projects that require a license from the State.

The expansion in the role of the Environment Unit of the Mineral Resources Department has led to the upgrade of the unit into a Division of the Ministry in the realignment exercise carried out in 2015. An additional 3 posts were created for Scientific Officers to enable the division to successfully meet the targets and goals for the Ministry.

## STAFF STRUCTURE

The division is headed by the Chief Environment Officer with one (1) senior environment officer and three (3) scientific officer

## ACHIEVEMENTS

The restructure carried out during the year has made a significant impact on the whole Ministry and its perception of sustainable developments and environment management. The set-up of the 'Environment Division' in Quarter3, 2015 has created awareness amongst the regulating officers of the importance of making informed decisions on proposed projects. It has also shown the commitment of the whole Ministry to the Governments Green Growth framework and global best practice and guidelines.

A result of the change in process mentioned is the introduction of Environment Management Plans (EMP) to be submitted by exploration companies for proposed work. This ensures that the operation will have environment protection measures in the plans.

Another highlight was the invitation by Hon. Minster Vuniwaqa by the Chief Environment Officer for a week's tour $\left(15^{\text {th }}\right.$ to the $20^{\text {th }}$ July, 2015) of the Australian mining institutions and mine sites. This trip was a familiarisation tour for the Minister funded by the Australian Government and also to facilitate collaboration talks with the Australian Government on ways to improve land administration and mining operations in Fiji.

| NATURE OF DEVELOPMENT | NUMBER OF INSPECTIONS/ASSESSMENTS IN 2015 |
| :--- | :--- |
| Mining Lease | Quarterly inspections of Vatukoula Gold Mine and Bauxite Mines in Bua |
| Exploration Lease | 18 |
| Quarries | 35 |
| River Gravel Extraction/Fine Sand <br> Dredging | 27 EIAs processed including site assessments and inspections. Post <br> approval monitoring was carried out quarterly. |
| Foreshore Development | 9 ElAs processed including site assessments and inspections. Post <br> approval monitoring was carried out quarterly |
| Consultations | 17 |

## CHALLENGES AND WAY FORWARD

|  | CHALLENGES | WAY FORWARD |
| :---: | :--- | :--- |
| 1. | Shortage of resources and staff to conduct the <br> inspection | Strengthen the unit's role in the EIA process and <br> conducting EIA review's to identify impacts on <br> environment and communities and strategies <br> procedures to minimize pollution. |
| 2. | Lack of monitoring and last minute notification given <br> to companies operating of any breaches to the <br> related Acts or conditions set out for projects <br> licensed and regulated by the Ministry. | Give ample notice to companies of analyses results <br> and recommendations |
| 3. | Ineffective data gathering and interpretation. | Development of a database for monitoring <br> activities and data input and a system that contain <br> records of monitoring data. |

Figure 30: Navua River Gravel Extraction Inspection Earthworks


Figure 31: NJV Rehabilitation Work Inspection Namosi


Figure 32: Site Assessment at Naibulu EastBauxite

## MINES DIVISION

## OVERVIEW

The Mining Division is the regulatory arm of the Mineral Resources Department and regulates the mineral sector, including hydrocarbon and geothermal resources. The division is responsible for using best practices, stronger customer focus to promote, facilitate and maintain a competitive minerals sector for Fiji that is beneficial to all stakeholders. This is carried out through:
i. ensuring effective and efficient development of Fiji's mineral sector through regulatory framework that exists in the Mining Act, the Explosives Act, the Quarries Act and the Environmental Management Act, and
ii. formulating, reviewing and the provision of advice on policies; administer mining tenement; environmental monitoring and protection, social impact assessment and landowners liaison.

The Division progressively initiates continuous improvement of its systems and processes so as to improve its service delivery to the private sector and the general public.

## STAFF STRUCTURE

The division is headed by the manager mines and has one principal engineer mines and one principal technical officer that looks after the;

- Tenement Administration Unit;
- Community Consultation Unit;
- Resource Geology Unit; and
- Inspectorate Unit.


## ACHIEVEMENTS

## 1. TENEMENT UNIT



Figure 33: Total Exploration Expenditure per Tenement Holder

|  | SPECIAL PROSPECTING LICENSE |  |
| :--- | :--- | :---: |
| 1. | Applications Received | 2 |
| 2. | License Granted | 0 |
| 3. | Licenses Renewed | 8 |
| 4. | Applications Cancelled | 5 |
| 5. | Renewals Being Processed | 29 |


|  | SPECIAL MINING LEASE |  |
| :---: | :--- | :---: |
| 1. | Lease Granted | 2 |
| 2. | Petroleum Exploration License |  |
| 3. | Application cancelled | 12 |


|  |  | PROSPECTORS RIGHT |  |
| :--- | :--- | :--- | :--- |
| 1. | PR Issued | 159 |  |


|  | TOTAL EXPLORATION EXPENDITURE |  |
| :--- | :---: | :---: |
| 1. | YEAR | EXPENDITURE |
| 2. | 2010 | $\$ 36,033,103.80$ |
| 3. | 2011 | $\$ 88,207,380.21$ |
| 4. | 2012 | $\$ 62,739,292.11$ |
| 5. | 2013 | $\$ 50,665,648.42$ |
| 6. | 2014 | $\$ 33,631,014.17$ |
| 7. | 2015 | $\$ 16,783,055.93$ |

## 2. COMMUNITY CONSULTATION

The Unit continuously consult with landowning units and other communities/settlements who work closely on related mineral exploration, mining and quarrying sites for their feedbacks and also try to address their grievances.

| CX NUMBER |  | COMPANY | AREA |
| :--- | :--- | :--- | :--- |
| 1. | 801 | Aljen Pacific Limited | Vugadrodrolevu |
| 2. | 784 | Aljen Pacific Limited | Wainamoli |
| 3. | 783 | Viti Mining Limited | Nakorowaiwai |
| 4. | 793 | Hurrah Mining Limited | Vago |

SPECIAL PROSPECTING LICENSE

| SPL NUMBER |  | COMPANY | AREA |
| :--- | :--- | :--- | :--- |
| 1. | 1420 | Namosi Joint Venture | Namosi |
| 2. | 1415 | Millenium Mining | Kavukavu, Nadroga |
| 3. | 1216 | Geopacific Limited | Nabila, Nadroga |
| 4. | 1368 | Geopacific Limited | Vuda |
| 5. | 1231 | Beta Limited | Rakiraki, Saivou, Ra |
| 6. | 1436 | Beta Limited | Raviravi, Rakiraki |
| 7. | 1442 | Oak Mines | Malomalo, Ravuravi, Nadroga |
| 8. | 1463 | Amex Resources | Sorokoba |
| 9. | 1454 | Dome Mines | Tavua |
| 10. | 1505 | Rainsky Mining Co. Ltd. | Naqalimare |

## 3. RESOURCE GEOLOGY UNIT

The Resources Geology Unit plans to create a mineral inventory database that enables the State to keep track of the quality and quantity of mineral resources in site.

| TENEMENT HOLDER | NUMBER OF <br> TENEMENTS ASSESSED | SPL NUMBER |  |
| :--- | :--- | :---: | :--- |
| 1. | Aljen Pacific Limited | 1 | 1425 |
| 2. | Aurum Exploration (Fiji) Limited | 6 | $1423,1424,1427,1428,1429$ \& 1430 |
| 3. | Beta Limited | 3 | 1231,1373 \& 1436 |
| 4. | Dome Mines Limited | 1 | 1454 |
| 5. | Fine Metals (Fiji) Limited | 1 | 1457 |
| 6. | Geopacific Limited | 3 | 1361,1368 \& 1493 |
| 7. | Kalo Exploration Limited | 3 | $1464,1491 \& 1492$ |
| 8. | Lion One Limited | 4 | $1283,1296,1467$ \& 1468 |
| 9. | Millennium Mining (Fiji) Limited | 2 | $1216 \& 1415$ |
| 10. | Namosi Joint Venture | 1 | 1420 |
| 11. | Newcrest Exploration (Fiji) Limited | 1 | 1504 |
| 12. | Oak Mines Limited | 3 | $1443,1444 \& 1445$ |
| 13. | Rainsky Mining | 3 | $1489,1490 \& 1505$ |
| 14. | Viti Mining Limited | 4 | $1459,1469,1470 \& 1471$ |

## 4. INSPECTORATE UNIT

a. Mining - eight (8) inspection was conducted for the financial year.

| VGML-3 | Wainivesi -1 | Nawailevu - 3 | Naibulu East - 1 |
| :--- | :--- | :--- | :--- |

b. Explosives - License to Store and Deal (148)

| NAME OF <br> OFFICER | TRAINING <br> ATTENDED | ORGANISATION <br> \& COUNTRY | DURATION | RETURN TO WORK |
| :--- | :--- | :--- | :--- | :--- |
| Noa Tuiloma | Environment <br> Management in <br> Mining | IM4DC, Australia | 4 Weeks | Consultation strategies for anti- <br> mining communities |
| Nilesh Karan | Metal Mining <br> Development <br> Administration | JICA, Japan | 10 Weeks | Implementation of database for <br> tenement administration. |
| Onisimo <br> Fonmanu | Pyrotechnics <br> Approved Handler | Fireworks <br> Professional, New <br> Zealand | 1 week | Formulate checklists for fireworks <br> inspections (completed). Review <br> approved fireworks list (on going). |
| Nileshni <br> Chand | Sustainable Mining <br> Development | JICA, Japan | 10 weeks | Environmental Management <br> Guideline for Mineral Exploration |
| Peniasi Toga | Sustainable Mining <br> Practices | IM4DC, Australia | 1 week | Sustainable Extractive Industry- <br> Resource Owners Partnership |
| Model |  |  |  |  |

CHALLENGES AND WAY FORWARD

|  | CHALLENGES | WAY FORWARD |
| :---: | :--- | :--- |
| 1. | Lack of skilled/qualified personnel <br> specialized in tenement administration | Attract specialized technical staffs through remuneration <br> upgrade to equate private companies. |
| 2. | Out of date policies | Relevant Senior Managers and Policy Team to work towards <br> reviewing policies. Introduce penalties for breaches on <br> tenure conditions. Strengthen networking with <br> stakeholders - Issues to be raised during Council meeting. |



Figure 34: VGML Mine Inspection


Figure 35: UNDP Workshop for Neglected Development Minerals - Flame Tree Quarry

## GEOSCIENCE SUPPORT SERVICE DIVISION

## OVERVIEW

The unit plays an important role in providing Information technology and GIS support services in the department. It ensures proper management of geoscience information both in analog and digital format. In 2015, the unit was assigned to coordinate the compilation of the department reports and ensuring timely submission to the Monitoring unit. This is done in consultation with respective division managers. The division worked closely with other respective divisional managers in the compilation of the Department Standard Operating Procedures and restructure documents during the internal restructure exercise.

## STAFF STRUCTURE

The division looks after three units namely; Geospatial Unit, Accounts and Administration Section. The division under the Director Mineral is headed by the Principal Scientific Officer and has a Scientific Officer, Senior Admin Officer and an Accounts officer.

## ACHIEVEMENTS

## 1. MIGRATION TO GOVNET

The initiated project was to standardize current IT system to be in line with other government agencies. The migration to govnet domain was completed during the second quarter whereby all machines were connected to the govnet domain and the migration of email account from zimbra webmail to Microsoft exchange.

The project was completed in consultation with ITC and Telecom Fiji Limited. The Department did not renew the contract with Kidanet since the data link to ITC was through Telecom Fiji Limited. The Multiple protocol link switches installed has a bandwidth of 2 M shared. One of the advantages of migrating to govnet was to reduce the monthly rental charges paid to the Internet Service Provider [ISP]. With the changes made the department was able to save $\$ 14,328$ annually.

As part of the migration to GOVNET, new equipment was purchased to ensure that the right level of resources is available to meet changing level of demands.

Item purchased are as follows:

| ITEM | QUANTITY | COST |
| :--- | :---: | :--- |
| Dell Projector | 2 | $\$ 7,190$ |
| UPS | 10 | $\$ 1,600$ |
| Desktop PC | 8 | $\$ 14,600$ |
| Cab | 1 | $\$ 1,748.30$ |
| Laptop | 5 | $\$ 9,382.60$ |
| Optiplex | 9 | $\$ 15,472.84$ |
| Printer | 2 | $\$ 1,930$ |
| TOTAL |  | $\$ 51,923.74$ |

## 2. USER SUPPORT \& REQUEST

IT support services is an on-going requests which requires immediate response by the unit staff. All faults/requests from staff were recorded in the IT Fault Log database. Out of the 429 faults/request reported within the department, 320 were hardware related and 109 relating to software issues. The work covers troubleshooting, maintenance of hardware, reformatting of PC, laptop and installations of IT equipment.

This task constitutes approximately $60 \%$ to $70 \%$ of the two Technical Assistant's duties for 2015. This has been attributed to the increase in the number of computers within the department.

Computers that have expired warranty were maintained internally whilst computers with warranty were sent to their respective supplier for maintenance. Board of survey was carried out to board the items that were not in proper condition and the once which also have a lifespan of more than 4 to 5 years.

## 3. DATABASE DEVELOPMENT

Two databases were developed, TENEMENT and MRDEMPSTAT database to capture the department's employee detail information.

## 4. CARTOGRAPHIC/GIS SERVICES

Routine work continued as usual in providing services both to internal and external customers. The preparation of data requested by customers was provided on a timely basis.

The unit oversees the maintenance of spatial database of Mining Tenements on quarterly basis and ensures that SPL boundaries were accurately drawn to demarcate area applied for by the customer. The preparation of thematic map based on request by internal and external customers.

The unit staff worked closely with the Geological Survey divisions in the maintenance of Aggregate and MIP database using GIS applications. Unit staff was also involved in field visit for data verifications and ground trothing.

The integration of borehole data using GIS application in consultation with the Hydrogeology Section.

Mining files verified during the year are as follows:

|  | FILE TYPE | TOTAL |
| :--- | :--- | :--- |
| 1. | CX-Special Prospecting Application | 20 |
| 2. | SPL-Special Prospecting Licence | 4 |
| 3. | SML-Special Mining Lease | 1 |
| 4. | OEL-Oil Exploration Licence | 3 |
| 5. | CX OEL-Oil Exploration Application | 7 |
| 6. | Special requests | 20 |

## CHALLENGES AND WAY FORWARD

| CHALLENGES |  |  |  | WAY FORWARD |
| :--- | :--- | :--- | :---: | :---: |
| 1. | Management of data and storage | • Upgrading of IT infrastructure <br>  |  |  |



## POLICY, PLANNING, RESEARCH \& MONITORING

## OVERVIEW

The division provides executive support to the Minister, Permanent Secretary and the Deputy Secretary through the provision of Policy Research, Planning, Media Liaison and Customer Advocacy.

The division is also responsible for the monitoring and evaluation of the Ministry's Annual Corporate Plan and Capital Projects implementation through close coordination with central agencies like the Strategic Framework for Change Coordination Office (SFCCO), Ministry of Strategic Planning, Ministry of Finance, and Public Service Commission.

The Division's core roles and responsibilities include the quarterly cabinet paper's implementation updates to Cabinet Office, report \& monitoring and executive support through research and drafting of speeches.

## STAFF STRUCTURE

The division is headed by the Deputy Secretary with the assistance of the two (2) Senior Research Officers; one (1) Senior Research officer for Policy and the second for Monitoring.

## ACHIEVEMENTS

| OUTPUT | ACHIEVEMENTS |
| :---: | :---: |
| Quarterly Cabinet Decisions Implementation Update to Cabinet Office | Submitted all Quarterly Cabinet Decisions Implementation Update to Cabinet Office |
| Reporting | - Submitted all ICO \& QPPR Reports to Central Agencies <br> - Submitted Ministry PSIP 2016-2018 submission to SPO <br> - Submitted Budget Justification to Manager Finance for onward submission <br> - Submitted Capital Work Programmes for all Budgeted Projects |
| Executive Support: MLMR Research | - State Land Rental - Reasons for Improved Market Value <br> - Analysis for Nationwide consultation on State Land Rental Reassessment <br> - Australia Fiji Business Council <br> - Deep Sea Bed Mining <br> - Lowy Institute for International Policy <br> - Abstract - Urban Land Management (World Bank, Washington DC) |
| Executive Support: MLMR Speech | - 2015 Hibiscus speech: THEME: Climate Change: Communities Adapting from the Ridge to the Reef <br> - Opening of the FIG Congress: Ensuring Response to Change; Ensuring the Survey of Tomorrow <br> - Chief Guest: Charter of Kiwanis Club in Fiji <br> - Launching of the Solar Cooker Project, Namosau, Ba <br> - MLMR Chief Guest Prize Giving Ceremony: Sigatoka Methodist College <br> - MLMR Chief Guest : Department of Immigration Awards Night |

## 2015 CABINET PAPERS

| NAME OF PAPER |  | REMARKS |
| :--- | :--- | :--- |
| 1. | National Groundwater Development Projects Information Paper | Tabled and Noted by Cabinet <br> Cabinet Decision No. 143 |
| 2. | Mineral Investigation Information Paper [MIP] | Tabled and Noted by Cabinet <br> Cabinet Decision No. 214 |
| 3. | Proposed National Policy for Grant of Foreshore Leases <br> CP(15) 138 | Paper was withdrawn <br> Cabinet Decision No. 182 |
| 4. | Compensation for the Loss of Fishing Rights over Foreshore Leases <br> CP(15) 139 | Paper was withdrawn <br> Cabinet Decision No. 183 |
| 5. | Modernizing of Fiji's Geodetic Datum <br> CP(15)169 | Tabled and Noted by Cabinet <br> Cabinet Decision No. 207 |
| 6. | Proposal to Increase State Land Rental | Tabled and Noted by Cabinet <br> Cabinet Decision No. 212 |
| 7. | Formalization of Informal Settlements - Criteria for Allocation of <br> Lots | Tabled and Noted by Cabinet <br> Cabinet Decision No. 242 |
| 8. | Proposal to Increase State Land Rental | Tabled and Noted by Cabinet <br> Cabinet Decision No. 281 |

## CHALLENGES AND WAY FORWARD

|  | CHALLENGES | WAY FORWARD |
| :---: | :---: | :---: |
| 1. | Limited resources in terms of human and finances. | - Unit/staffs realignment leading to the establishment of the complaints \& media unit. <br> - Engagement of Project Officers to work under the 2 Projects: Harmonization and Rental Arrears collection |
| 2. | Lack of succession planning | - Attend workshops on 'Mentoring' and 'Coaching' <br> - Encourage weekly meetings and informal discussions <br> - Strengthening of team bonding activities |
| 3. | Absence of proper work-related capacity building e.g. policy development, Cabinet papers, quality assurance, media and customer service. | - Make recommendations and ensure staffs attend relevant workshops and training. |
| 4. | Projects - Irregularities in land information data and various unresolved land-related issue. | - Field reports with recommendations are submitted to divisional land managers for their further action <br> - Enhance and work with Geospatial Information Management to correct and update the land information data <br> - Monitor deployment report through liaising with lands administration division (HQ \& divisional offices) |

## CORPORATE SERVICE DIVISION

## OVERVIEW

The Corporate Services Division is an internal support service, managing resources for the achievement of the Department's strategies, ensuring compliance with a number of governance obligations and improving corporate policies, procedures and outcomes. It also has a coordinating role in standardizing governance and accountability oversight across the ministry.

To coordinate the above, Corporate Services is divided into the following divisions; Human Resource Management/Development and Administration and the Financial Services.

The Human Resource Management/Development and Administration Section works towards enhancing the capacity of the Ministry to effectively deliver on its objectives. The section aims at acquiring, building and retaining human capacity who in turn provide quality, efficient and effective services to the public.

It provides strategic and day to day support to the various divisions of the ministry and ensures that the organization has the human capacity to deliver on its targeted goals.

The section ensures that human resources and administration policy guidelines are in place, correctly interpreted and fairly applied relating to its various functions of; planning, recruitment and selection, discipline/grievance handling, compensation, employee relations, staff welfare, staff training and development, Performance Management and staff career growth and succession plans, asset management, utilities and office maintenance and statutory compliance.

Other areas of the administration function exist to ensure effectiveness of the ministry in the areas of fleet management, documents management and occupational health and safety.

| FUNCTIONS ADMINISTERED BY THE HUMAN RESOURCE MANAGEMENT \& DEVELOPMENT SECTION |  |  |  |
| :--- | :--- | :--- | :--- |
| 1. | Recruitment and Selection Process; | 8. | Records Management; |
| 2. | Corporate Planning Process; | 9. | Performance Management System; |
| 3. | Staff Training and Development Process; | 10. | Customer Services and Reception. |
| 4. | Annual Reporting Activities to Parliament; | 11. | Disciplinary Process; |
| 5. | Grievance Management Process; | 12. | Fleet Management |
| 6. | Review of Organizational Structure; | 13. | Personnel Management; |
| 7. | Human Resource Management System; | 14. | Occupational Health \& Safety |



## STAFF STRUCTURE

The Corporate Services Division consists of Director Corporate Services, Manager Corporate Services and Manager Finance.

## ACHIEVEMENTS

## 1. HUMAN RESOURCES MANAGEMENT \& ADMINISTRATION

## a. Undertaking of the Ministry Restructure

Spearheaded by the Permanent Secretary with the assistance of secretariat from HRM, the Ministry undertook a restructure exercise that involved a SWOT analysis of existing roles and programmes and reviewed the Ministry structure in accordance with the corresponding responsibilities of each targeted output. The Restructure was officially launched by the Permanent Secretary and endorsed by the Minister.
b. Establishment of a Post Processing Unit

The establishment of a Post Processing Unit was in response to an internal SWOT analysis undertaken by the Ministry under the restructure exercise.

## c. Internal Review of MQR for all advertised posts

An internal review on MQR was conducted to reflect the consideration for experienced staff of the Ministry. These are staffs who may not have fully achieved the standard degree qualifications for middle to senior level positions.

## 2. FINANCE SECTION

The Finance Section strives to be more transparent and accountable to ensure that functions and outputs provided are of a high standard and executed effectively and efficiently in compliance with Government's governing acts and procedures in Accounting and Auditing standards.

In 2015 the Finance Section was tasked with management of a budget of 32,994,412. And with the delegated role of the Permanent Secretary as the Chief Accounting Officer of the Ministry, the role of the Finance unit was considerably important in terms of gatekeeping, and stringent stewardship of ministry's funds.

## FUNCTIONS ADMINISTERED BY THE FINANCE SERVICES

| 1. | Chart of Accounts |
| :--- | :--- |
| 2. | Payments Processing using the Finance One System |
| 3. | Asset Management |
| 4. | Stock taking and Inventory |
| 5. | Work in Collaboration with the Audit Office, and Ministry of Finance in relation to audit for the <br> Ministry |
| 6. | Provide Technical Support to Lands Technical Operations for example, Noting, Opening \& closing of <br> Accounts |
| 7. | Verification and Rental Charge |

## CHALLENGES AND WAY FORWARD

| CHALLENGES | WAY FORWARD |  |
| :---: | :--- | :--- |
| 1. | Advertisement and appointment of <br> vacant posts which was put on hold <br> due to restructure | Establishing of a Post Processing Unit to progress selection and <br> recruitment to vacant posts |
| 2. | Appointment of scarce skill <br> professions namely, registered <br> surveyors, registered Valuers, <br> mining engineers and geologists | Review HODs JD and IWP to be held responsible for ensuring up <br> skilling of staffs in the scarce skilled areas. And implementing a <br> work attachment program for officers to undergo work <br> attachment with private companies to pursue registrations in <br> survey and valuation |
| 3. | Ensuring that restructure principles <br> are implemented in the next <br> operating year | Putting in place an implementation plan to monitor restructure <br> plans for the ministry in 2016 |



Figure 37: Manager Corporate conducting SPA


Figure 38: Organization Realignment Consultation 2015

## AUDITED FINANCIAL REPORT

## For the year ended 31 December 2015

## OFFICE OF THE AUDITOR GENERAL

Excellence in PublicSector Auditing

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6-8.5NFloor, Ratu Sukuna Houso
2-10 McArthur St
P.O.Boк 2214, Government Bulldings
Suva, Fijf

File: 486
13 July 2016

The Honorable Minister for Lands and Mineral Resources
Ministry of Lands and Mineral Resources
P.O. Box 2222

Government Buildings
SUVA

Dear Madam

\section*{AUDITED FINANCIAL STATEMENTS OF THE MINISTRY OF LANDS AND MINERAL RESOURCES FOR THE YEAR ENDED 31 DECEMBER 2015}

Audited financial statements for the Ministry of Lands and Mineral Resources for the year ended 31 December 2015 together with my audit report on them are enclosed.

Particulars of errors and omissions arising from the audit have been forwarded to the management of the Ministry for their necessary actions.

Yours sincerely


Atunaisa Nadakuitavuki
for AUDITOR-GENERAL
ce : Malakai Finau, The Permanent Secretary for Lands and Mineral Resources

Encl.

MINISTRY OF LANDS AND MINERAL RESOURCES FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2015
AUDITED
FINANCIAL REPORT | For the year ended 31 December 2015
MINISTRY OF LANDS AND MINERAL RESOURCES FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2015
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\section*{INDEPENDENT AUDITOR’S REPORT}

\section*{For the year ended 31 December 2015}

\section*{OFFICE OF THE AUDITOR GENERAL}

Excellence in Public Sector Auditing


\section*{MINISTRY OF LANDS AND MINERAL RESOURCES \\ FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2015}

\section*{INDEPENDENT AUDITOR'S REPORT}

\section*{Scope}

I have audited the special purpose financial statements which have been prepared under the cash basis of accounting and Notes 1 to 5 thereon of the Ministry of Lands and Mineral Resources for the year ended 31 December 2015. The financial statements comprise the following:
(i) Statement of Receipts and Expenditures;
(ii) Appropriation Statement;
(iii) Statement of Losses; and
(iv) Trust Account Statement of Receipts and Payments.

The management of the Ministry of Lands and Mineral Resources is responsible for the preparation and presentation of the special purpose financial statements and the information contained therein.

My responsibility is to express an opinion on these special purpose financial statements based on my audit.

My audit was conducted in accordance with the International Standards on Auditing to provide reasonable assurance as to whether the special purpose financial statements are free of material misstatements. My audit procedures included examination, on a test basis, of evidence supporting the amounts and other disclosures in the special purpose financial statements and evaluation of accounting policies. These procedures have been undertaken to form an opinion as to whether, in all material respects, the special purpose financial statements are fairly stated and in accordance with government policies in Note 2 and the Financial Management Act 2004, so as to present a view which is consistent with my understanding of the financial performance of the Ministry of Lands and Mineral Resources for the year ended 31 December 2015.

The audit opinion expressed in this report has been formed on the above basis.

\section*{INDEPENDENT AUDITOR’S REPORT}

\section*{For the year ended 31 December 2015}

\section*{INDEPENDENT AUDIT REPORT (continued)}

\section*{Audit Opinion}

In my opinion:
a) the financial statements present fairly, in accordance with the accounting policies stated in Note 2, the financial performance of the Ministry of Lands and Mineral Resources for the year ended 31 December 2015.
b) the financial statement give the information required by the Financial Management Act 2004 in the manner so required.


Atunaisa Nadakuitavuki for AUDITOR GENERAL
Suva, Fiji


13 July 2016

\section*{AUDITED}

FINANCIAL REPORT | For the year ended 31 December 2015

\section*{MINISTRY OF LANDS AND MINERAL RESOURCES}

\section*{MANAGEMENT CERTIFICATE FOR THE YEAR ENDED 31ST DECEMBER 2015}

We certify that the financial statements:
(a) fairly reflect the financial operations and performance of the Ministry of Lands and Mineral Resources and its Financial position for the year ended 31st December 2015; and
(b) have been prepared in accordance with the requirements of the Financial Management Act 2004, the Finance Instructions 2010 and Finance Circular 16/2006.


Date: \(23 \% 6 / 2016\)


Date: \(22 /\) ole 2016

\section*{STATEMENT OF}

RECEIPTS AND EXPENDITURE | For the year ended 31 December 2015
\begin{tabular}{ccc} 
Notes & 2015 & 2014 \\
\(\$\) & \(\$\)
\end{tabular}

\section*{Revenue}

Land and property rent
Rental for quarters
Fees charges, fine and penalties
Revenue from surveys \& sales of nav
Hire of plants \& vehicles
License
Sale of publications
Sale of photographs
Mining fees
Chemical
Stamp duty
Commission
Miscellaneous
Total Revenue
\begin{tabular}{crr}
3 (a) & \(13,213,598\) & \(13,851,038\) \\
& - & 958 \\
3 (b) & 678,583 & \(4,693,637\) \\
& 42,051 & - \\
3 (c) & 7,241 & 10,209 \\
3 (d) & 49,366 & 142,058 \\
& 345 & - \\
& 516 & - \\
3 (e) & 367,290 & 619,932 \\
& 8,460 & 7,309 \\
3 (f) & 35,035 & 113,181 \\
& 9,508 & 9,481 \\
& 704,885 & 650,293 \\
& \(\mathbf{1 5 , 1 1 6 , 8 7 8}\) & \(\mathbf{2 0 , 0 9 8 , 0 9 6}\) \\
\hline
\end{tabular}

Expenditure
\begin{tabular}{|c|c|c|c|}
\hline Established staff & & 8,426,698 & 8,418,047 \\
\hline Government wage earners & & 797,850 & 741,926 \\
\hline Travel and communications & 3 (g) & 669,632 & 709,995 \\
\hline Maintenance \& operations & 3 (h) & 5,048,758 & 5,542,051 \\
\hline Purchase of goods and services & & 981,796 & 1,000,860 \\
\hline Operating grants and transfers & & 20,227 & 32,100 \\
\hline Special expenditures & & 950,479 & 131,748 \\
\hline Total Operating Expenditure & & 16,895,440 & 16,576,727 \\
\hline Capital construction & 3 (i) & 2,487,381 & 4,583,570 \\
\hline Capital purchases & 3 (j) & 2,573,146 & 352,268 \\
\hline Capital grants and transfers & 3 (k) & 1,593,861 & 971,376 \\
\hline Total Capital Expenditure & & 6,654,388 & 5,907,214 \\
\hline Value Added Tax & 3 (1) & 1,803,716 & 1,843,361 \\
\hline Total Expenditure & & 25,353,544 & 24,327,302 \\
\hline
\end{tabular}

\section*{APPROPRIATION STATEMENT}

\section*{For the year ended 31 December 2015}
\begin{tabular}{|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{SEG} & \multirow[t]{2}{*}{Item} & Budget Estimate & \begin{tabular}{l}
Changes \\
(Note 4)
\end{tabular} & Revised Estimate & Actual Expenditure & CarryOver & Lapsed Appropriation \\
\hline & & \$ & \$ & \$ & \$ & \$ & \$ \\
\hline 1 & Established Staff & 9,092,414 & \((100,000)\) & 8,992,414 & 8,426,698 & - & 565,716 \\
\hline 2 & Government Wage Earner & 859,504 & - & 859,504 & 797,850 & - & 61,654 \\
\hline 3 & Travel and Communications & 666,800 & 117,000 & 783,800 & 669,632 & - & 114,168 \\
\hline 4 & Maintenance \& Operations & 6,620,050 & \((40,000)\) & 6,580,050 & 5,048,758 & - & 1,531,292 \\
\hline 5 & Purchase of Goods \& Services & 1,075,700 & 15,000 & 1,090,700 & 981,796 & - & 108904 \\
\hline 6 & Operating Grants \& Transfers & 32,100 & - & 32,100 & 20,227 & - & 11,873 \\
\hline \multirow[t]{2}{*}{7} & Special Expenditures & 1,460,165 & \((145,783)\) & 1,314,382 & 950,479 & - & 363,903 \\
\hline & Total Operating Expenditure & 19,806,733 & \((153,783)\) & 19,652,950 & 16,895,440 & - & 2,757,510 \\
\hline 8 & Capital Construction & 4,405,150 & 19,330 & 4,424,480 & 2,487,381 & - & 1,937,099 \\
\hline 9 & Capital Purchases & 3,155,000 & 134,453 & 3,289,453 & 2,573,146 & - & 716,307 \\
\hline \multirow[t]{2}{*}{10} & Capital Grants and Transfers & 3,020,000 & & 3,020,000 & 1,593,861 & - & 1,426,139 \\
\hline & Total Capital Expenditure & 10,580,150 & 153,783 & 10,733,933 & 6,654,388 & - & 4,079,545 \\
\hline \multirow[t]{2}{*}{13} & Value Added Tax & 2,607,429 & - & 2,607,429 & 1,803,716 & - & 803,713 \\
\hline & Total Expenditure & 32,994,312 & - & 32,994,312 & 25,353,544 & - & 7,640,768 \\
\hline
\end{tabular}

\section*{STATEMENT OF LOSSES}

\section*{For the year ended 31 December 2015}

\section*{Loss of Money}
\begin{tabular}{|c|c|c|c|}
\hline Type of loss & Responsible Officer & Amount(\$) & Action laken \\
\hline Misappropriation of Revenue & Revenue Collector & 129,602.22 & \begin{tabular}{l}
-An internal Investigation was conducted internally (Finance Section) in \(1^{\text {st }}\) week of October to authenticate the loss \\
The Officer is indefinitely suspended with effect from \\
14/10/2015 \\
-A Ministerial Investigation team was appointed after to further carry out an Internal Investigation and collate relevant information pertaining to the Loss. \\
-An initial loss notification was lodged with Fiji Police Force on \(13 / 10 / 2015\) and later a proper report on 30/11/2015 \\
-Currently the case is still being pursued by Fiji Police Force conducting investigation.
\end{tabular} \\
\hline
\end{tabular}

\section*{Loss (other than money)}

The Ministry of Finance approved the write off of unverifiable account balances recorded in the general ledger system.
\begin{tabular}{|l|r|r|}
\hline Assel & (Veneral I cdger Account & \multicolumn{1}{c|}{\begin{tabular}{c} 
Amount \\
(\$)
\end{tabular}} \\
\hline \multirow{5}{*}{ Accounts Receivable } & \(1-33101-33101-560601\) & 266.38 \\
\cline { 2 - 4 } & \(1-33101-33101-560602\) & 176.05 \\
\cline { 2 - 4 } & \(1-33101-33101-560603\) & 602.27 \\
\cline { 2 - 3 } & \(1-33101-33101-560604\) & 95.00 \\
\cline { 2 - 3 } & \(1-33101-33101-560605\) & 52.47 \\
\cline { 2 - 3 } & \(1-33101-33101-560606\) & 36.28 \\
\cline { 2 - 3 } & \(1-33101-33101-560607\) & 25.00 \\
\cline { 2 - 3 } & \(1-33101-33101-560608\) & 9.75 \\
\hline Land Trust Cash Account & \(1-33101-33101-560609\) & \(5,570.90\) \\
\hline
\end{tabular}
\begin{tabular}{|l|r|r|}
\hline Liability & (iencral ledger Account & \begin{tabular}{c} 
Amount \\
(\$)
\end{tabular} \\
\hline Land Trust Fund Account & \(9-33101-79001-895051\) & \(170,100.89\) \\
\hline
\end{tabular}

\section*{TRUST ACCOUNT STATEMENT}

\section*{OF RECEIPTS AND PAYMENTS | For the year ended 31 December 2015}
\begin{tabular}{ccc} 
Notes & 2015 & 2014 \\
& \(\$\) & \(\$\)
\end{tabular}
\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{4}{|l|}{Receipts} \\
\hline Lands & 5(b) & 5,256,427 & 3,090,751 \\
\hline Minerals - Mining Trust & 5(c) & 475,854 & 1,538,239 \\
\hline Minerals - Non Mining Trust & 5(d) & 72,042 & 314,724 \\
\hline Total Receipts & & 5,804,323 & 4,943,714 \\
\hline \multicolumn{4}{|l|}{Payments} \\
\hline Lands & 5(e) & 4,246,639 & 1,700,590 \\
\hline Minerals - Mining Trust & 5(f) & 96,732 & 579,990 \\
\hline Minerals - Non Mining Trust & 5 (g) & 63,300 & 400,241 \\
\hline \multicolumn{4}{|l|}{Total Payments \(\quad\) 2,680,821} \\
\hline \multicolumn{2}{|l|}{Net Surplus} & 1,397,652 & 2,262,893 \\
\hline \multicolumn{2}{|l|}{Write Off} & \((32,050)\) & - \\
\hline \multicolumn{2}{|l|}{Balance as at 1 January} & 8,197,159 & 5,830,869 \\
\hline \multicolumn{2}{|l|}{Closing Balance as at 31 December 2015} & 9,562,761 & 8,197,159 \\
\hline
\end{tabular}

\section*{NOTES TO AND FORMING PART}

\section*{OF THE FINANCIAL STATEMENTS | For the year ended 31 December 2015}

\section*{NOTE 1 REPORTING ENTITY}

The Department of Lands \& Survey is responsible for the administration, development and management of all state land property. Activities include Land Valuation, Surveys \& Mapping, Development and Maintenance of State Land, Land Use and Geographical Information System.

The Department of Mineral Resources undertakes studies in relation to geological hazards, mineral prospects and ground water development and manage the development of the Mining and Quarrying sector with a mandate under the Mining, Petroleum (Exploration and Exploitation) Quarries, Explosives and Continental Shelf Acts.

\section*{NOTE 2 STATEMENT OF ACCOUNTING POLICIES}

\section*{a) Basis of Accounting}

In accordance with Government accounting policies, the financial statements of the Ministry of Lands and Mineral Resources is prepared on cash basis of accounting. All payments related to purchases of fixed assets have been expensed.

The financial statements are presented in accordance with the Financial Management Act and the requirements of Section \(71(1)\) of the Finance Instruction 2010. The preparation and presentation of a Statement of Assets and Liabilities is not required under the current Government policies.

\section*{b) Revenue Recognition}

Revenues are recognised when funds are receipted by the Ministry of Lands and Mineral Resources.

\section*{c) Accounting for Value Added Tax (VAT)}

All income and expenses are VAT exclusive. The Ministry on a monthly basis takes out VA'T output on total money received for expenditure from Ministry of Finance. VAT input on the other hand is claimed on payments made to the suppliers and sub-contractors for expenses incurred.

The VAT payment as per the consolidated statement of receipts and expenditure relates to the VAT input claimed on payments made to the suppliers and sub-contractors for expenses incurred and VAT payments to FRCA. Actual amount paid to FRCA during the year represent the difference between VAT Output and VAT Input.

\section*{d) Comparative Figures}

Where necessary, amounts relating to prior years have been reclassified to facilitate comparison and achieve consistency in disclosure with current year amounts.

\section*{NOTE 3 SIGNIFICANT VARIATIONS}
a. Land and property rent collections decreased by \(\$ 637,440\) or \(4.6 \%\) even though the Ministry taking vigorous measures to collect the revenue and the arrears due to Government. The Ministry had offered an incentive of waiver of interest to all Lessees in the first six months of the year and then was extended for another two months. Public consultations held around the country with our Lessees in the last quarter of last year whereby the large amount of lease payment was collected. The decrease was also contributed by the increase in number of expired lease which whereby rentals was not collected.
b. Fees charges, fines and penalties decreased by \(\$ 4,015,054\) or \(86 \%\) were mainly due to the decrease in Lands \& survey fees collected. The decrease was also due to the decrease in revenue collected such as Valuation registration fees, Surveyor registration fees, Royalties, Sand \& gravel fees and court fines.
c. The Hire of plant and vehicles decreased by \(\$ 2,968\) or \(29 \%\) was due to the decrease in the hire of water \& mineral drilling plants and machinery.
d. License fees decreased by \(\$ 92,692\) or \(65 \%\) due to decrease in licenses issued by the Ministry during the year.
e. Mining fees decreased by \(\$ 252,642\) or \(41 \%\) due to decrease in new mining license issued by the Ministry and decrease in renewal of mining license during the year.
f. Collection of stamp duty has decreased by \(\$ 78,146\) or \(69 \%\) was due to FRCA now to collecting stamp duties fees.
g. Travel \& communication decreased by \(\$ 40,363\) or \(6 \%\) due to the decrease in cost involved in telecommunication, internal travelling of officers and allowances paid out.
h. Maintenance and operations decreased by \(\$ 493,293\) or \(9 \%\) due to the appropriate measures the Ministry has taken to ensure that budgetary provisions are utilised reasonably considering the best practices to procurement and expenditure is in proportion to output achieved.
i. Capital construction decreased by \(\$ 2,096,189\) or \(46 \%\) due to the decrease in provision for budgetary appropriation for SEG 8 and the increase in the number of projects executed during the period.
j. Capital purchases increased by \(\$ 2,220,878\) or \(630 \%\) due to the increase in payments executed for expenditures assigned under SEG 9
k. Capital grants and transfers increased by \(\$ 622,485\) or \(64 \%\) due to the increase in payments executed for expenditures assigned under SEG 10.
1. The decrease in VAT payment by \(2 \%\) was in proportioned to the decrease in the Ministry's overall payments executed for the period.

\section*{NOTE 4 DETAILS OF APPROPRIATION CHANGES}
a.) The Permanent Secretary for Lands and Mineral Resources and the Minister for Finance approved the following virements for the Ministry of Lands and Mineral Resources:
\begin{tabular}{|c|c|c|c|c|c|}
\hline Virement No. & From Lxpenditure Croup & Amouni
(\$) & Viement \o. & \begin{tabular}{l}
To \\
Fxpenditure Group
\end{tabular} & \begin{tabular}{l}
Amumit \\
(\$)
\end{tabular} \\
\hline LANDS 01/15 & SEG 07 & 145,783.00 & LANDS 01/15 & SEG 9 & 145,783.00 \\
\hline LANDS 02/15 & SEG 05 & 10,000.00 & LANDS 02/15 & SEG 4 & 10,000.00 \\
\hline LANDS 03/15 & SEG 5 & 10,000.00 & LANDS 03/15 & SEG 04 & 10,000.00 \\
\hline LANDS 04/15 & SEG 01 & 40,000.00 & LANDS 04/15 & SEG 03 & 40,000.00 \\
\hline LANDS 05/15 & SEG 03 & 5,000.00 & LANDS 05/15 & SEG 08 & 5,000.00 \\
\hline LANDS 06/15 & SEG 04 & 200,000.00 & LANDS 06/15 & SEG 03 & 60,000.00 \\
\hline & & & & SEG 04 & 125,000.00 \\
\hline & & & & SEG 05 & 15,000.00 \\
\hline LANDS 07/15 & SEG 04 & 3,000.00 & LANDS 07/15 & SEG 08 & 3,000.00 \\
\hline LANDS 08/15 & SEG 09 & 11,330.00 & LANDS 08/15 & SEG 08 & 11,330.00 \\
\hline LANDS 09/15 & SEG 03 & 18,000.00 & LANDS 09/15 & SEG 04 & 18,000.00 \\
\hline LANDS 11/15 & SEG 01 & 40,000.00 & LANDS 11/15 & SEG 03 & 40,000.00 \\
\hline LANDS 12/15 & SEG 01 & 20,000.00 & LANDS 12/15 & SEG 05 & 20,000.00 \\
\hline
\end{tabular}

\section*{NOTE 5 STATEMENT OF TRUST ACCOUNT}
a.) The balance brought forward figure \(\$ 8,197,159\) was the closing balance for Lands Main Trust and both the Mining and Non-Mining Trust for the year ending December 2014.
b.) The details of the Lands Trust collected by monthly during the year is tabled below:
\begin{tabular}{|c|c|c|}
\hline Month & \begin{tabular}{l}
2015 \\
Amount \\
(\$)
\end{tabular} & 2014
Amount (\$) \\
\hline January & 43,213 & 387,928 \\
\hline February & 88,686 & 222,659 \\
\hline March & 70,874 & 210,105 \\
\hline April & 263,417 & 121,193 \\
\hline May & 309,388 & 498,235 \\
\hline June & 102,351 & 171,336 \\
\hline July & 113,005 & 309,154 \\
\hline August & 113,383 & 81,121 \\
\hline September & 319,095 & 92,691 \\
\hline October & 43,707 & 117,156 \\
\hline November & 845,890 & 725,199 \\
\hline December & 2,943,418 & 153,974 \\
\hline Total & 5,256,427 & 3,090,751 \\
\hline
\end{tabular}
[Continuation]
c.) The details of the Mining Trust collected by monthly during the year is tabled below:
\begin{tabular}{|l|r|r|}
\hline Mouth & \multicolumn{1}{|c|}{\begin{tabular}{c}
2015 \\
Amount \\
\((\$)\)
\end{tabular}} & \multicolumn{1}{c|}{\begin{tabular}{c} 
2014 \\
Amount \\
( \(\mathbf{S})\)
\end{tabular}} \\
\hline January & 1,181 & 23,620 \\
\hline February & 5,385 & 6,225 \\
\hline March & 173,319 & 61,493 \\
\hline April & 69,522 & 8,721 \\
\hline May & 3,595 & 100,277 \\
\hline June & 37,420 & 113,215 \\
\hline July & 30,804 & 14,561 \\
\hline August & 76,084 & - \\
\hline September & 1,315 & 36,300 \\
\hline October & 19,528 & \(1,073,132\) \\
\hline November & 24,975 & 39,765 \\
\hline December & 32,726 & 60,930 \\
\hline Total & 475,854 & \(1,538,239\) \\
\hline
\end{tabular}
d.) The details of the Non-Mining Trust collected by monthly during the year is tabled below:
\begin{tabular}{|l|r|r|}
\hline Month & \multicolumn{1}{|c|}{\begin{tabular}{c}
2015 \\
Anount \\
\((\$)\)
\end{tabular}} & \multicolumn{1}{c|}{\begin{tabular}{c}
2014 \\
Anount \\
\((\$)\)
\end{tabular}} \\
\hline January & 12,385 & - \\
\hline February & 276 & - \\
\hline March & 4,868 & 31,069 \\
\hline April & 130 & 879 \\
\hline May & 15,151 & 35,133 \\
\hline June & 12,399 & 7,386 \\
\hline July & - & 61,268 \\
\hline August & 5,650 & 65,822 \\
\hline September & 8,642 & 13,947 \\
\hline October & 5,309 & 18,907 \\
\hline November & 4,495 & 57,304 \\
\hline December & 2,737 & 23,009 \\
\hline Total & 72,042 & 314,724 \\
\hline
\end{tabular}
e.) The details of payments from the Lands Trust during the year is tabled below:
\begin{tabular}{|l|r|r|}
\hline \multicolumn{1}{|c|}{\begin{tabular}{c} 
Month
\end{tabular}} & \multicolumn{1}{c|}{\begin{tabular}{c} 
2()15 \\
Amount \\
\((\$)\)
\end{tabular}} & \multicolumn{1}{c|}{\begin{tabular}{c} 
2014 \\
Amuunt \\
\((\$)\)
\end{tabular}} \\
\hline January & 12,946 & 53,868 \\
\hline February & 68,468 & 133,170 \\
\hline March & 378,572 & 41,745 \\
\hline April & - & 179,328 \\
\hline May & - & 384,750 \\
\hline June & 607,918 & 132,187 \\
\hline July & 64,881 & 256,503 \\
\hline August & 28,841 & 186,693 \\
\hline September & 39,250 & 3,088 \\
\hline October & 51,062 & 81,251 \\
\hline November & 126,736 & 193,479 \\
\hline December & \(2,900,015\) & 54,528 \\
\hline Total & \(4,278,689\) & \(1,700,590\) \\
\hline
\end{tabular}
f.) The details of Mining Trust Payments by monthly during the year is tabled below:
\begin{tabular}{|l|r|r|}
\hline Month & \begin{tabular}{c} 
2015 \\
Amount \\
\((\$)\)
\end{tabular} & \begin{tabular}{c} 
2014 \\
mounl \\
\((\$)\)
\end{tabular} \\
\hline January & - & 341,431 \\
\hline February & 75,016 & - \\
\hline March & 295 & 7,740 \\
\hline April & 208 & 2,555 \\
\hline May & 8,973 & 19,587 \\
\hline June & - & 31,401 \\
\hline July & 7,100 & 7,515 \\
\hline August & 4,751 & 2,492 \\
\hline September & 5 & 167,061 \\
\hline October & 2 & - \\
\hline November & 362 & 151 \\
\hline December & 20 & 57 \\
\hline Total & 96,732 & 579,990 \\
\hline
\end{tabular}
g.) The details of Non-Mining Trust Payments by monthly during the year is tabled below:
\begin{tabular}{|c|c|c|}
\hline Monih & \begin{tabular}{l}
2015 \\
Amount \\
(\$)
\end{tabular} & \[
\begin{gathered}
2014 \\
\text { Amount } \\
\text { (s) }
\end{gathered}
\] \\
\hline January & - & 321 \\
\hline February & 3,317 & 1,487 \\
\hline March & - & 47,180 \\
\hline April & - & 7,443 \\
\hline May & 6,996 & 19,050 \\
\hline June & 23,125 & 77,794 \\
\hline July & 13,500 & 14,071 \\
\hline August & 881 & 33,223 \\
\hline September & 2,680 & 56,843 \\
\hline October & 8,534 & 25,440 \\
\hline November & 2,544 & 22,082 \\
\hline December & 1,723 & 95,307 \\
\hline Total & 63,300 & 400,241 \\
\hline
\end{tabular}

\section*{NOTE 6 ARREARS OF REVENUE}

At balance date, the Arrears of Revenue Account for the Department of Lands and Survey had the following balances:
\begin{tabular}{|c|c|c|}
\hline Account & 2015 & 2014 \\
\hline (\$) & \((\$)\) \\
\hline Arrears of Revenue - Lands and Survey & \(26,980,312\) & \(25,250,168\) \\
\hline
\end{tabular}

\section*{NOTE 7 DRAWINGS ACCOUNT}

At balance date, the Drawings Account for the Ministry had the following balances:
\begin{tabular}{|l|c|c|}
\hline \multicolumn{1}{|c|}{ Drawings Acrount } & 2015 & 2014 \\
\hline (\$) & \((\$)\) \\
\hline Department of Lands and Survey & 33,364 & 488,760 \\
\hline Department of Mineral Resources & 38,224 & 163,641 \\
\hline
\end{tabular}

\section*{NOTE 8 REVOLVING FUND ACCOUNT}

At balance date, the revolving fund account for the Ministry had the following balances:
\begin{tabular}{|l|c|c|}
\hline \multicolumn{1}{|c|}{ Revolving I'und Ariormt } & \begin{tabular}{c}
2015 \\
(\$)
\end{tabular} & 2014 \\
\hline Department of Lands and Survey & 127,349 & 39,202 \\
\hline Department of Mineral Resources & - & - \\
\hline
\end{tabular}

NOTE 9 OPERATING TRUST ACCOUNT

At balance date, the operating trust account for the Ministry had the following balances:
\begin{tabular}{|l|c|c|}
\hline \multicolumn{1}{|c|}{ Operating Trust Account } & \begin{tabular}{c}
2015 \\
\((\$)\)
\end{tabular} & \begin{tabular}{c}
2014 \\
\((\$)\)
\end{tabular} \\
\hline Department of Lands and Survey & \((1,657,650)\) & \((1,442,700)\) \\
\hline Department of Mineral Resources & & - \\
\hline
\end{tabular}```

