# ASX Media Announcement

30 April 2012

Globe Metals & Mining

## March Quarter 2012 Activities Report

Globe Metals & Mining ("**Globe**" or "**the Company**"; ASX: GBE) is pleased to present its March Quarter 2012 Activities Report:

## Highlights

- **Kanyika Niobium Project**
  - DFS on track for completion in December 2012; first production of ferro-niobium planned for 2015
  - Updated financial model (Pre-DFS) shows robust economics under a range of scenarios; NPV US$300m
  - 13,000m infill drilling campaign underway
- **Mount Muambe REE-Fluorite Project**
  - Discovery of three new, substantial, shallow REE zones – demonstrating potential for large tonnages of REE mineralisation
  - All REE zones open at depth and laterally in most directions – many holes ended in mineralisation. Best results include:

    46m @ 2.6% TREO *inc.* 20m @ 3.3% TREO *(from 24m; ended in 3.5% TREO; Zone AA)*

    49m @ 2.5% TREO *inc.* 20m @ 3.5% TREO *(from 20m; ended in 3.6% TREO; Zone BB)*

    60m @ 2.1% TREO *inc.* 24m @ 2.6% TREO *(from 20m; ended in 2.7% TREO, Zone DD)*
  - High-grade maiden Inferred Fluorite Mineral Resource announced on the 9th March 2012, delineated after just two years with 71 holes for 5,286m; estimated at 1.6 Mt @ 19% $CaF_2$ containing 310 K tonnes of $CaF_2$
  - Metallurgical test work program to commence on drill core following the completion of the diamond component of the 2012 drilling campaign
- **Memba Titanium-Iron Project**
  - Globe to earn up to 90% through staged exploration
  - 2012 trenching program and regional exploration program due to commence in May
- **Cash at end of quarter A$36m (as at 31 March 2012)**

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# 1 Appointment of Deputy CEO

During the quarter, existing Non-Executive Director, Ms Shasha Lu was appointed to the position of Deputy CEO.

Ms Lu joined Globe's Board on 9 August 2011, as a nominee of East China Mineral Exploration and Development Bureau (ECE). Based in Nanjing, China, Ms Lu will now spend a considerable amount of time in Perth, as she focuses on Globe's increasing interests in China, encompassing customer, financing, partnering and investor relationships. This appointment is designed to enable Globe to leverage its relationship with ECE as a conduit into China, among other things.

# 2 Share Buy Back

On 3 April, further to announcements made on 25 January and 17 February, Globe advised that FIRB had received our application, and the process for approval is underway. To date, FIRB has not advised of an expected completion date, however we will update shareholders as soon as approval has been given.

# 3 Change of Leadership in Malawi

On Thursday, 5th April 2012, President of Malawi, Dr Bingu wa Mutharika passed away. Globe offers its deepest condolences to the people of the southern African country of Malawi, and congratulates new leader, President Joyce Banda.

# 4 Kanyika Niobium Project

During the quarter, Globe confirmed the definitive feasibility study (DFS) is on track for completion in December 2012, with first production of ferro-niobium planned for 2015. An updated financial model was released within the Hong Kong Mines and Money Investor Presentation, along with a detailed schedule of DFS activity – this document can be downloaded from Globe's website.

Globe is now focussed on securing financing and off-take arrangements for the Project.

## 4.1 Updated financial model

The updated financial model (pre-DFS) shows robust economics under a range of scenarios, with significant upside under plausible scenarios.

| | Unit | 1. Base Case Nb (in FeNb) @ 45/kg) | 2. Upside Nb (in FeNb) @ 55/kg) | 3. Base Case + ($Ta_2O_5$ @ Spot Price of 255/kg) | 2. + 3. Upside with FeNb @ 55/kg + Ta Spot | Sept 2010 Globe Financial Model |
|---|---|---|---|---|---|---|
| $NPV_6$ (Pre-tax Real) | US$m | **300.8** | 588.8 | 412.3 | 700.3 | 187.0[1] |
| IRR | % | **23.0** | 35.5 | 28.0 | 40.0 | 27.0 |
| Upfront Capex (Inc. Contingency) | US$m | **220.0** | 220.0 | 220.0 | 220.0 | 185.0 |
| Average Annual Production | t/Nb | **3,000.0** | 3,000.0 | 3,000.0 | 3,000.0 | 3,000.0 |
| Average Annual Total Revenue | US$m | **178.8** | 208.2 | 190.2 | 219.6 | 170.0 |
| Mine Life | years | **20** | 20 | 20 | 20 | 20 |

## 4.2 DFS Schedule of Activity

The definitive feasibility study (DFS) at Kanyika was confirmed to be on track for completion in December this year, with final stage activity focused on infill drilling, tailing facilities and metallurgy.

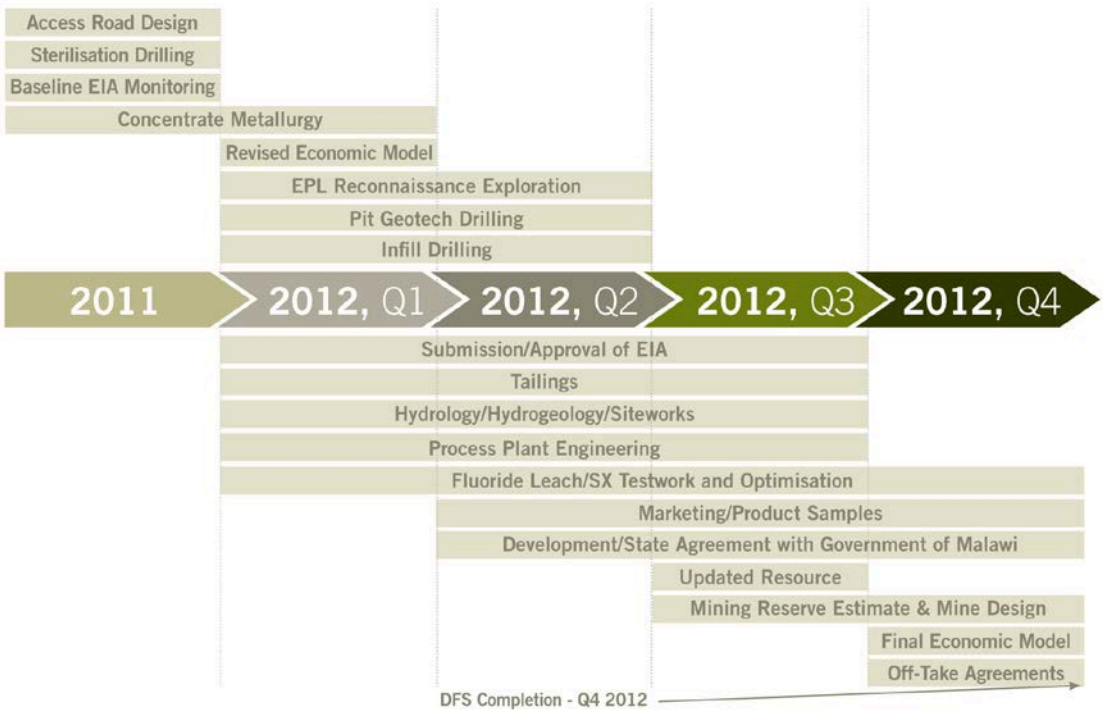


**Figure 1: Schedule of DFS activity.**

### 4.3 Metallurgical optimisation test work

Metallurgical optimisation test work ramped up with the appointment of Tiffany Hill as Process Development Chemist and Marc Steffens as Senior Process Metallurgist, who will focus on the acid leaching and downstream processing of ore.

Srdjan Bulatovic, a world expert in niobium minerals flotation, spent a month during February optimising Globe's flotation regime for Kanyika.

### 4.4 Extension of EPL

During the quarter, Globe announced the receipt of a two year extension for the Kanyika Niobium Project exploration licence (EPL0188) to 29 December 2013, with a further two year option to renew. EPL0188 covers an area of approximately 607sq km.

Based on DFS progress, the Company expects to submit an application for a mining licence well before the expiry of the current exploration licence.

In March, surveying of the proposed mining area boundaries commenced with representatives from the district commissioner's office and the community taking part in the demarcation process.

## 5 Mount Muambe REE-Fluorite Project

Mount Muambe continued to deliver exciting results during the quarter, with the discovery of three new zones of rare earths grading between 1.5% and 4% total rare earth oxides over very significant widths. In addition, the Company announced the delineation of an inferred fluorite resource of 1.6 Mt @ 19% $CaF_2$ containing 310 K tonnes of $CaF_2$.

### 5.1 New REE discoveries

Globe is extremely excited about the new and substantial REE discoveries at Mount Muambe. To summarise:

- Three new zones of substantial REE mineralisation discovered in RC drilling
- All zones are open at depth and in most directions laterally
- Most of the REE mineralisation occurs in carbonatite, the most prevalent rock type
- Potential for large tonnages of REE mineralisation clearly demonstrated
- A diamond and RC drill rig have mobilised to site to begin the substantial 2012 drilling program
- Detailed metallurgical test work will commence at the completion of the diamond drilling program

Globe's Regional Exploration Manager for Africa, Michael Schultz, commented, "The three new REE discoveries are a fantastic outcome from the 2011 drilling program at Mount Muambe. Many of our holes show appreciable results with substantial width REE intercepts grading between 1.5% and 4% TREO. The most exciting development is the fact that the majority of the REE drill intercepts are open at depth and hosted in carbonatite, the most dominant rock type in the crater. This clearly shows the potential to discover large tonnages of REE mineralisation. Our technical team is very excited by these rare earth intercepts and we are really looking forward to drilling these new targets out in 2012."

## 5.2 REE Results

In 2011, Globe completed 9,427m of RC drilling at the Mount Muambe Project. With 5,377m already reported, these final 4,050m focussed on new REE targets in six separate zones; AA, BB, CC, DD, GG and MAG Zones (Figure 2). Substantial REE discoveries were made in three of the zones, being the AA, BB and DD Zones. All substantial zones of REE mineralisation intersected remain open at depth and laterally.

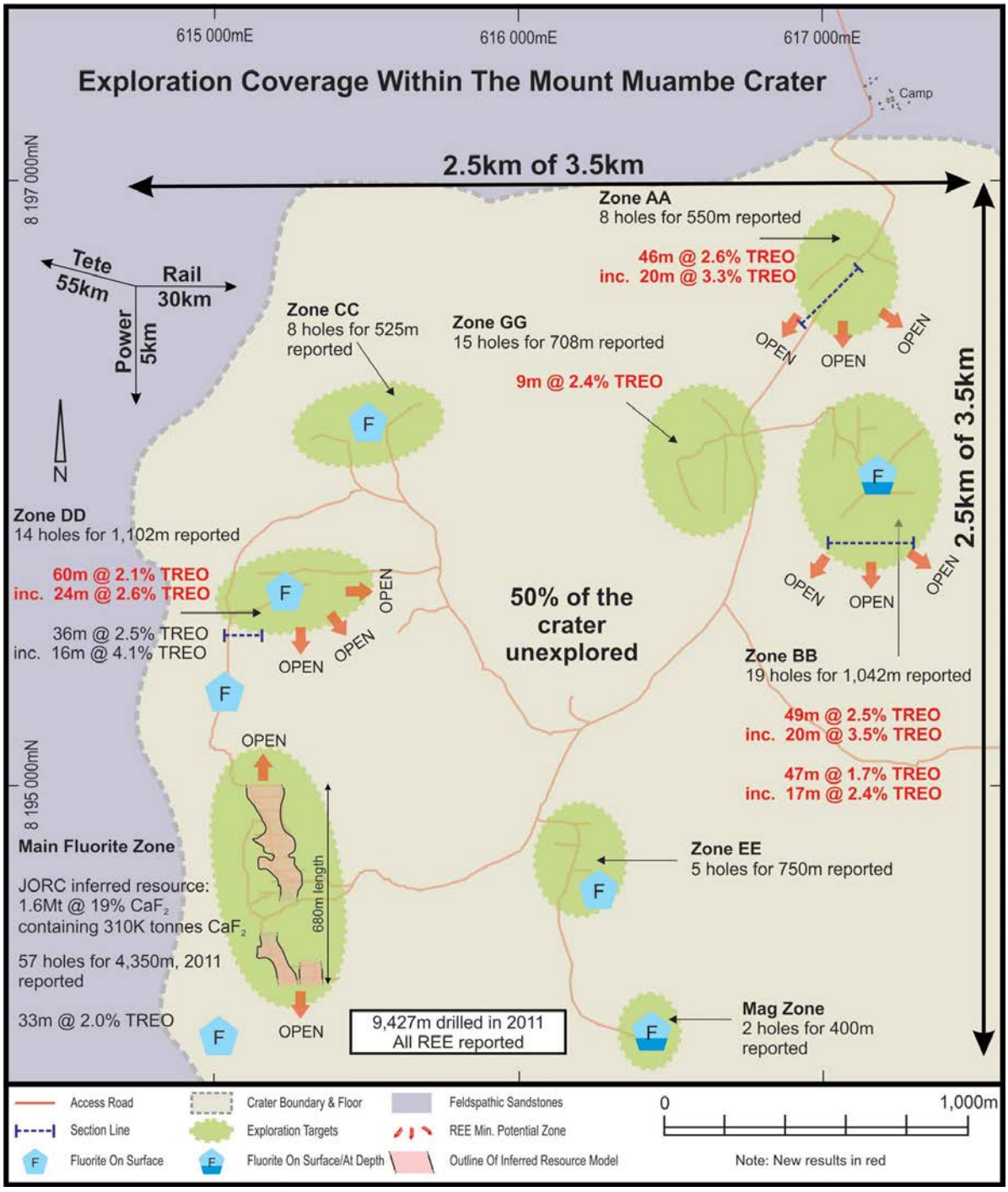


**Figure 2: Exploration coverage within the Mount Muambe crater.**

### 5.2.1 Zone AA

A total of eight holes for 550m were drilled in Zone AA, in the NE quadrant of the crater. Holes were drilled to test surface radiometric anomalism, soil and rock-chip results. Many holes intersected near surface zones of anomalous to mineralised fenite (strongly feldspar-altered sandstone). However, the thickest and highest grade REE results occur in carbonatite (carbonate rich volcanic) rocks beneath the fenite. This well mineralised zone of carbonatite was intersected at the southern margins of the drill pattern and remains open at depth and laterally, particularly to the south and west. The best holes in the southern part of the drill pattern ended in substantial grades of REE mineralisation (Figure 3). Best results for Zone AA are listed below (refer to Table 1 for complete results):

**MURC124:** **46m** @ **2.6% TREO** *inc.* **20m** @ **3.3% TREO** *(from 24m; ended in 3.5% TREO)*

**MURC125:** **22m** @ **1.6% TREO** *inc.* **4m** @ **3.1% TREO** *(from 48m; ended in 1.2% TREO)*

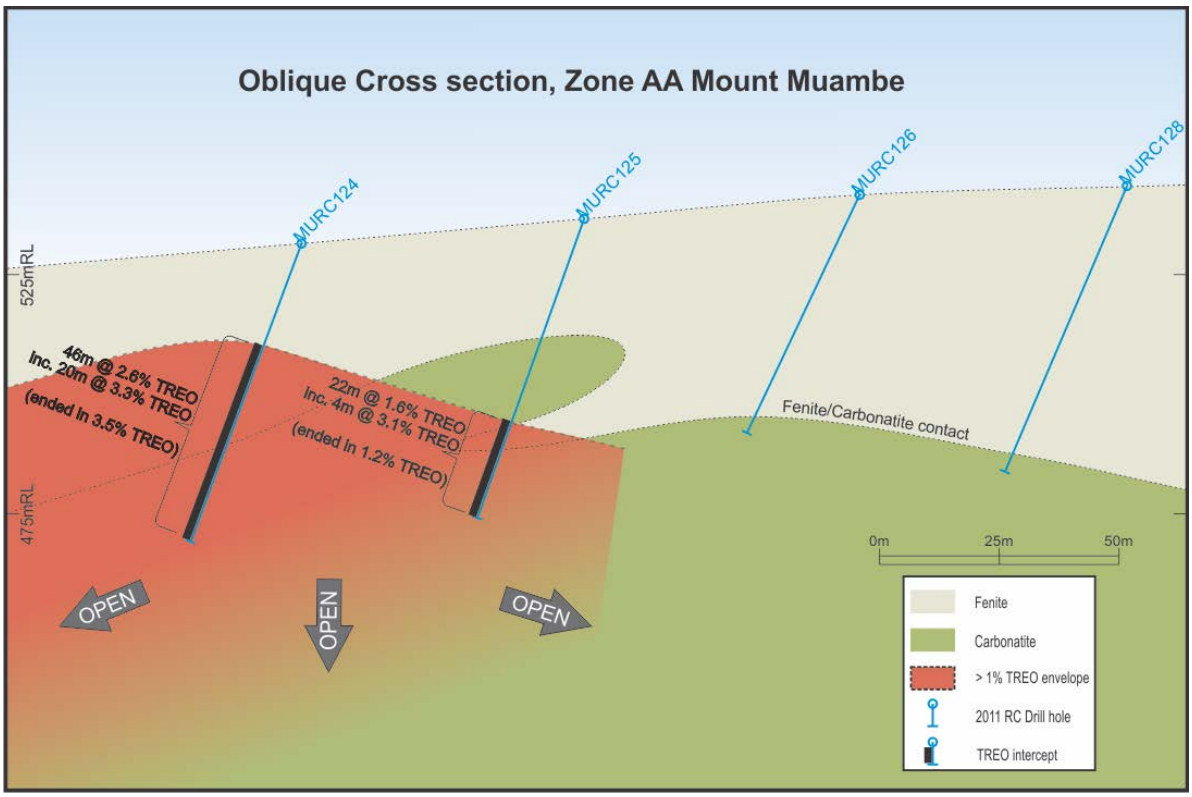


**Figure 3: Cross section Zone AA Mount Muambe.**

### 5.2.2 Zone BB

A total of 19 holes for 1,042m were drilled in Zone BB, also located in the NE quadrant of the crater. Holes were drilled to follow up on surface radiometric anomalism and earlier rock-chip results that identified both mineralised carbonatite and fenite. The drilling revealed a relatively thin layer of fenite over a broad carbonatite body. Whilst the fenite is weakly mineralised, the broader underlying carbonatite hosts thicker and higher grade REE intercepts. Many of these holes, particularly those at the southern margin of the drill pattern ended in substantial grades of REE mineralisation. Therefore, Zone BB is also open at depth (Figure 4) and laterally to the south, west and east but also at depth to the north (Figure 2).

Carbonatite rocks in Zone BB also host visual fluorite mineralisation, although these results have not yet been received from the laboratory.

Best REE results for Zone BB are listed below (refer Table 1 for complete results):

**MURC119:** **49m** @ **2.5% TREO** *inc.* **20m** @ **3.5% TREO** *(from 20m; ended in 3.6% TREO)*

**MURC117:** **47m** @ **1.7% TREO** *inc.* **17m** @ **2.4% TREO** *(from 14m; ended in 2.9% TREO)*

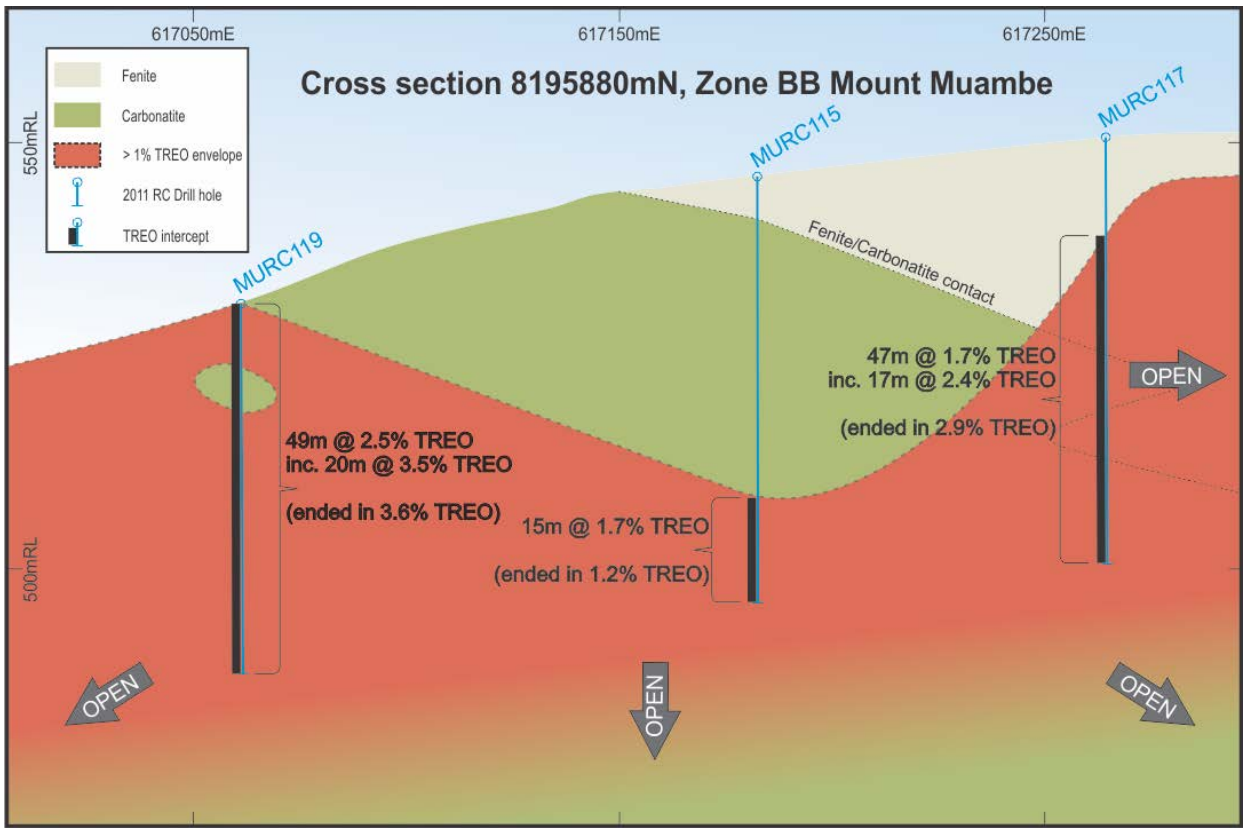


**Figure 4: Cross section 8195880mN, Zone BB Mount Muambe**

### 5.2.3 Zone DD

A total of 14 holes for 1,379m were drilled in Zone DD, located in the NW part of the crater (Figure 6). Holes were drilled to follow up on previously identified surface fluorite results within carbonatite. A nearby earlier drill intercept of 16m @ 4.1% TREO hosted in fenite also occurs in the area.

The thickest zones of REE mineralisation were encountered in the carbonatite, however substantial REE intercepts also occur in fenite. The carbonatite hosted REE zone is open at depth and largely open laterally/along strike to the north and south (Figure 5). Fenite hosted mineralisation occurs in flat sheets that remain open laterally in most directions, particularly toward the west.

Best REE results for Zone DD are listed below (refer Table 1 for complete results):

**MURC138:** **60m** @ **2.1% TREO** *inc.* **24m** @ **2.6% TREO** *(from 20m; ended in 2.7% TREO)*

**MURC139:** **28m** @ **2.1% TREO** *inc.* **12m** @ **2.9% TREO** *(from surface)*

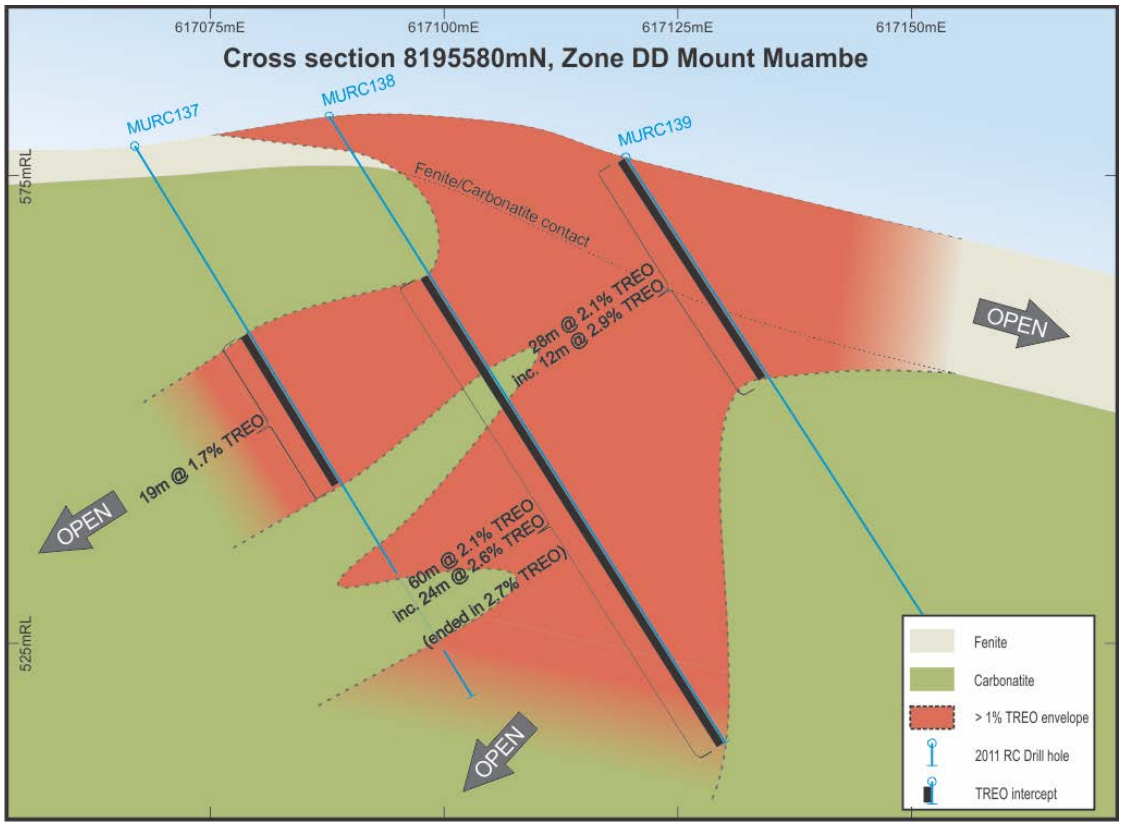


**Figure 5: Cross section 8195580mN, Zone DD Mount Muambe.**

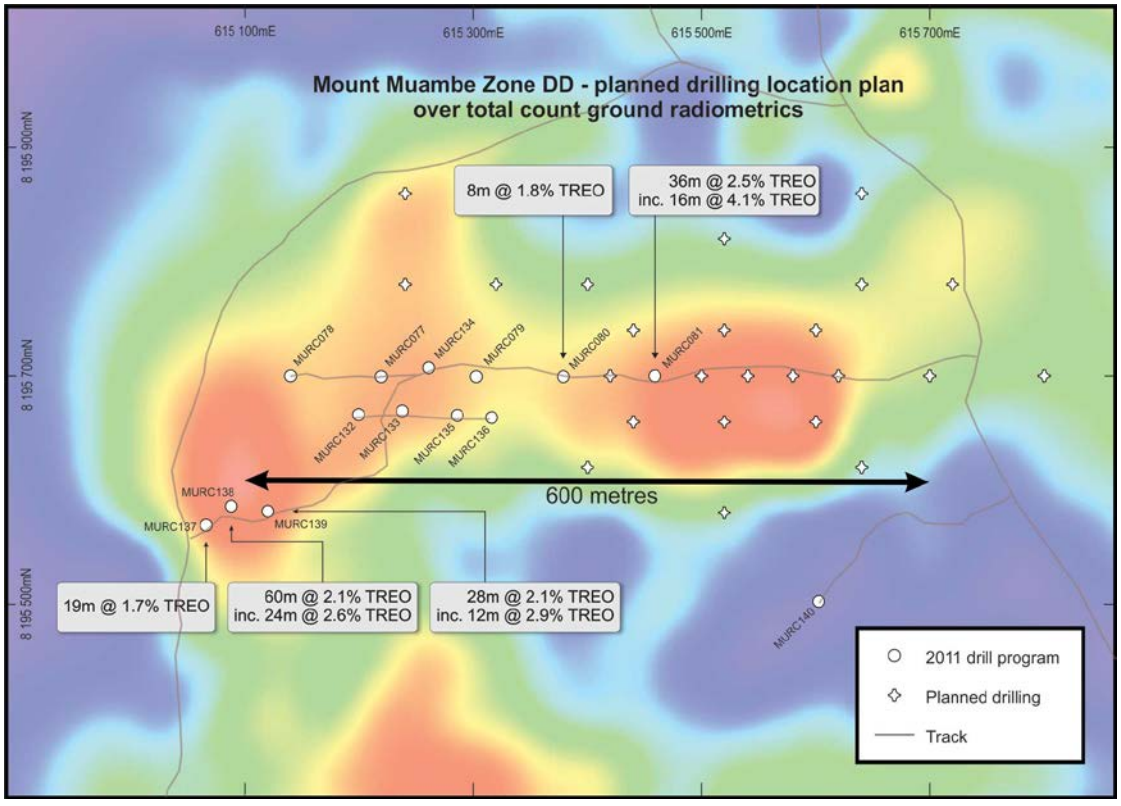


**Figure 6: 2012 Zone DD drillhole location plan.**

### 5.2.4 Other Zones

During the quarter, other regional areas at Mount Muambe were drill tested for REE in Phase Two.

Zone CC and Mag Zone – a discreet magnetic anomaly, did not return any appreciable REE results, however visual fluorite was encountered with laboratory results yet to be received.

Zone EE, a large radiometric anomaly located in the centre of the crater, showed moderate REE mineralization, but relatively enriched amounts of HREE including MURC075 52m @ 0.6% TREO with 130ppm $Dy_2O_3$ (from 64m) and an HREO/TREO ratio of 22.88% including 4m @ 1% TREO with 130ppm $Dy_2O_3$ (from 104m). The consistent rock type and thick mineralised intervals indicate the potential for a bulk tonnage target.

Zone GG showed an intercept of 9m @ 2.3% TREO (Table 1) associated with a carbonatite/fenite contact and warrants further follow up drilling.

## 5.3 New Fluorite Resource

The Mount Muambe Inferred Mineral Resource estimate was carried out by independent mining consultants, Quantitative Group (QG). A total of 71 drill holes for 5,286m forms the basis of the resource estimate. At over 680m in length and up to 160m wide, the near-surface fluorite mineralisation is open along strike to both the north and south.

In just two years, exploration activity undertaken by Globe has positioned Mount Muambe as a multi-target fluorite and rare earth project with a substantial Inferred Mineral Resource (Figure 2). Importantly, the 2011 drilling program indicated the continuing expression of fluorite mineralisation at surface in Zone DD - further evidence that the Project's full exploration potential is yet to be tapped.

Less than 50km from the epicentre of Tete and within 30km of major rail and power developments, Mount Muambe is perfectly placed to leverage Mozambique's extensive infrastructure upgrades driven by the advancing resource sector.

### 5.3.1 Resource

Mineralisation envelopes were identified from 71 reverse circulation (RC) holes drilled for a total of 5,286m. All but six holes in the resource area were drilled vertically. Nominal drill spacing in the area of the modelled resource is 40m x 20m, out to 80m x 20m at most, and down to 20m x 20m at best (Figure 7).

The deposit occurs in the Mount Muambe carbonatite crater in the Tete Province of Mozambique. Fluorite-REE mineralisation occurs within north-striking, sub-horizontal fenite sheets that are above a larger carbonatite body.

Two mineralised domains have been interpreted with the main mineralised domain consisting of three dominantly horizontal lenticular 'lodes' displaying considerable lateral continuity. The secondary mineralised domain contains additional high-grade drillhole intercepts with limited continuity and, in places, only single drillhole intersections. Natural voids occurring through the deposit were flagged in drill data and estimated in the model using an indicator approach.

The main mineralised lodes extend over 680m in strike length, up to 160m across strike and close to 30m vertically in places. The mineralisation occurs close to, or from the surface, and occurs primarily as horizontal lenticular sheets - although there appears to be a low angle easterly dip component to the largest of the three main lodes (Figure 8).

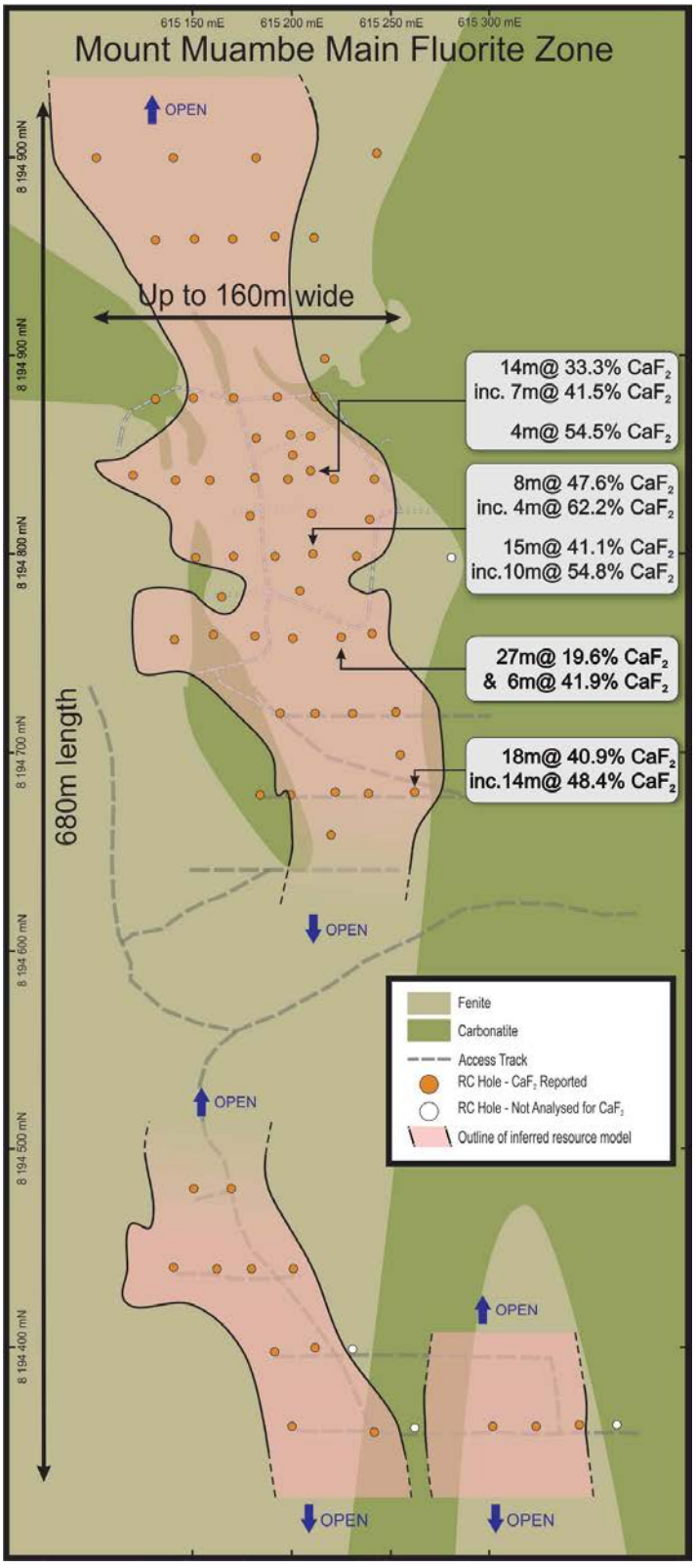


**Figure 7: Mount Muambe Main Fluorite Zone drilling coverage.**

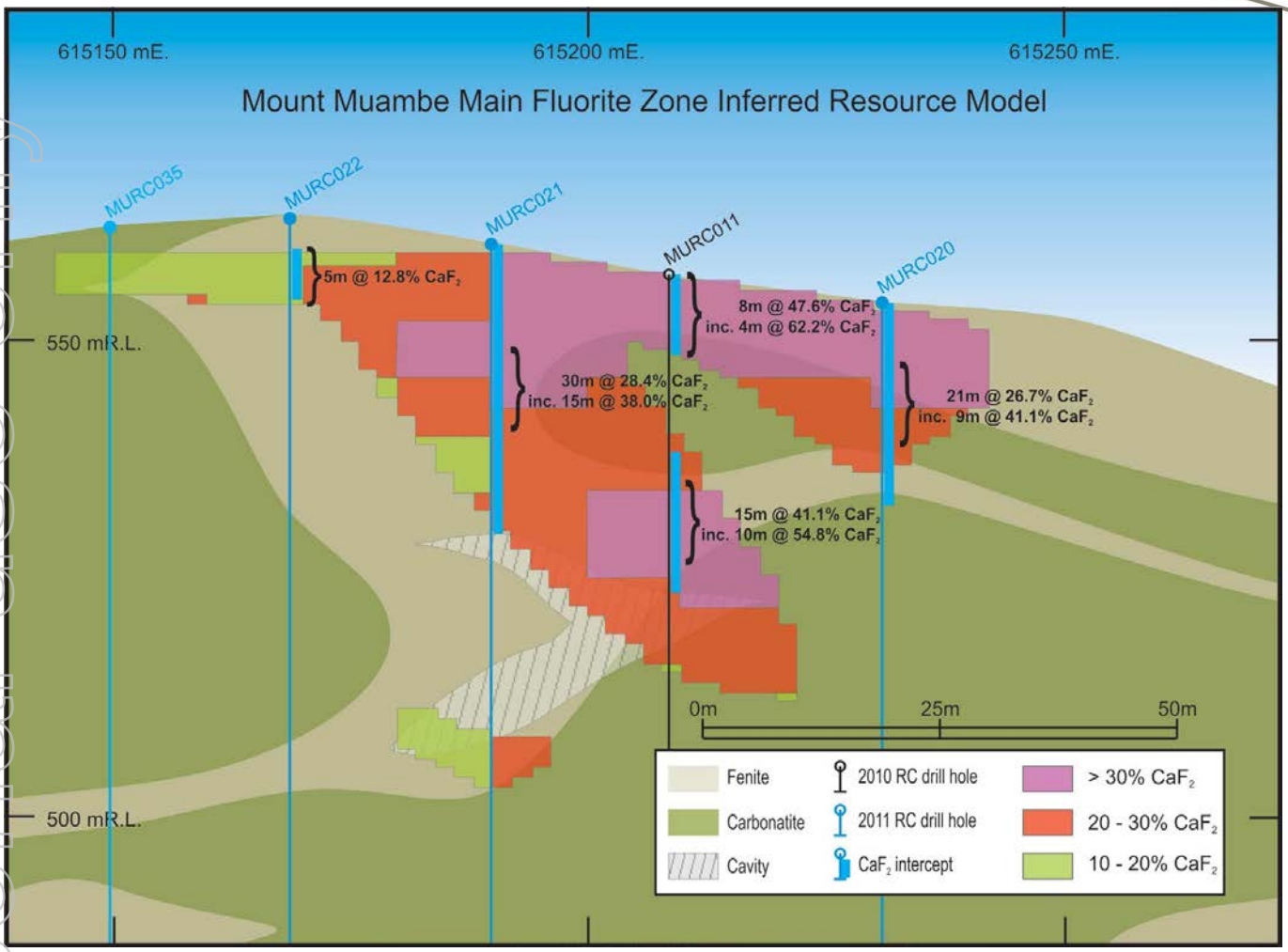


**Figure 8: Cross section 4800mN depicting typical mineralisation.**

Ordinary Kriging (OK) was used for the estimation of fluorite and voids. Parent cell size selection of 10m (easting) x 20m (northing) x 3m (RL) is approximately half the drill spacing. The sub-cell sizes were chosen to allow a suitable fill of the lodes.

The resource is classified as an Inferred Mineral Resource based on the confidence in the grade and geological continuity of the mineralisation. Drill spacing and subsequent data density was the primary consideration for classification (Figure 9).

The Mineral Resource Estimate complies with recommendations in the Australasian Code for Reporting of Mineral Resources and Ore Reserves (2004) by the Joint Ore Reserves Committee (JORC). Therefore it is suitable for public reporting. Using a 10% cut-off for fluorite the classified resource is given in Table 2.

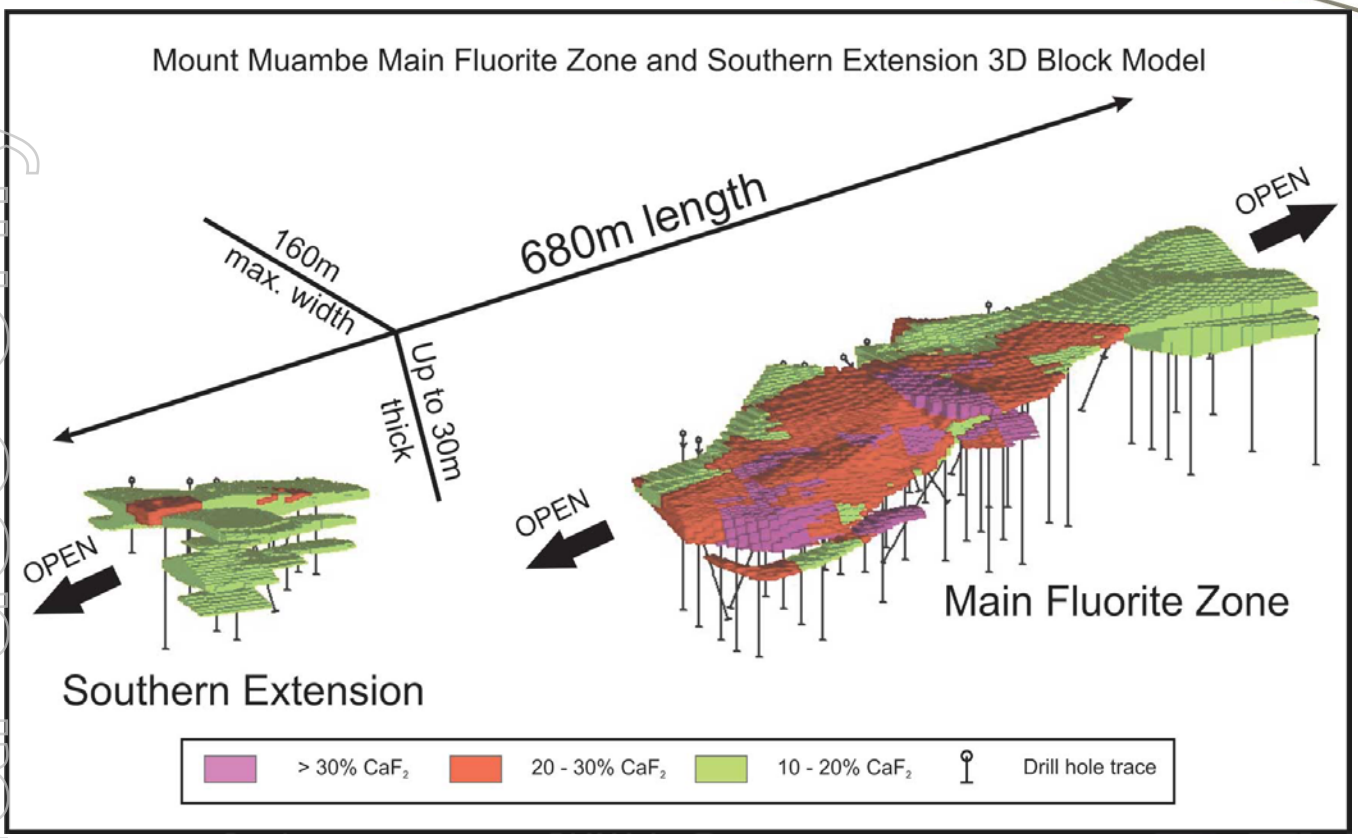


**Figure 9: Main Fluorite Zone and Southern Extension 3D block model.**

## 6 Memba Titanium-Iron Project

During the quarter, Globe announced it had exercised its option to earn up to a 90% interest in five additional licences through staged expenditure on exploration at Memba in Nampula Province, Mozambique.

The Project is well positioned to benefit from major infrastructure upgrades in NE Mozambique and the option agreement will allow Globe to earn up to an 80% interest in five additional licences through staged exploration, with an option to purchase an additional 10% after five years from Mozambican company Siexpo Lda

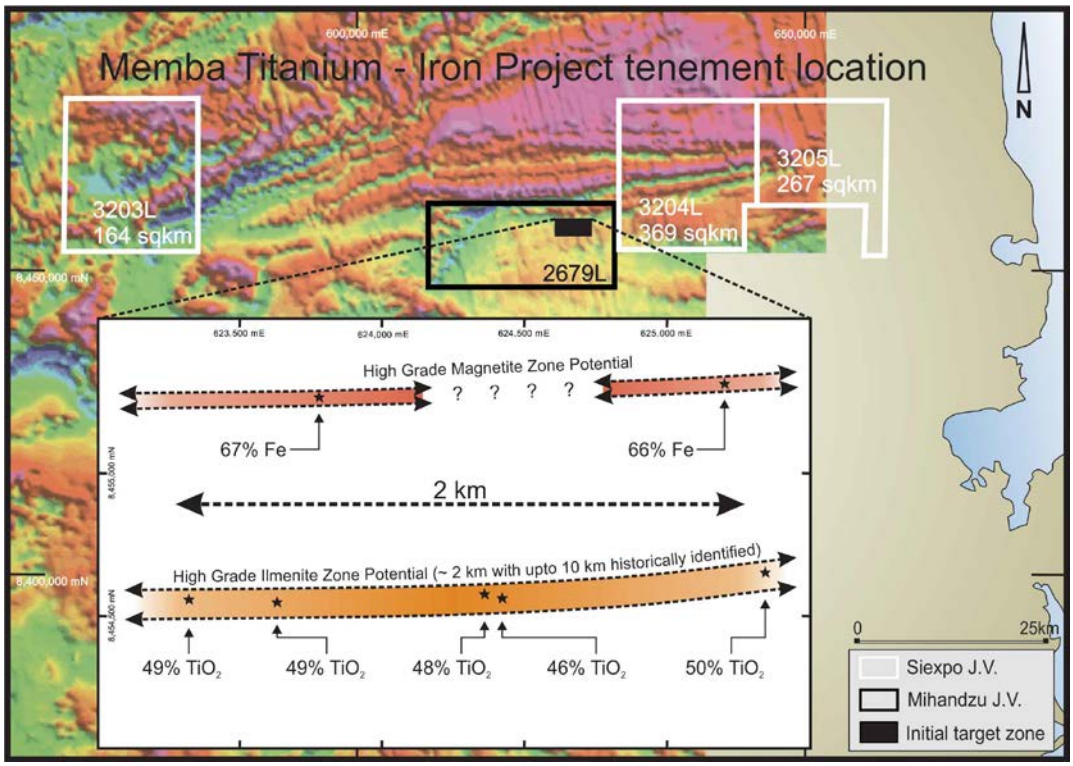


**Figure 10: Memba Project tenement location and magnetic anomaly.**

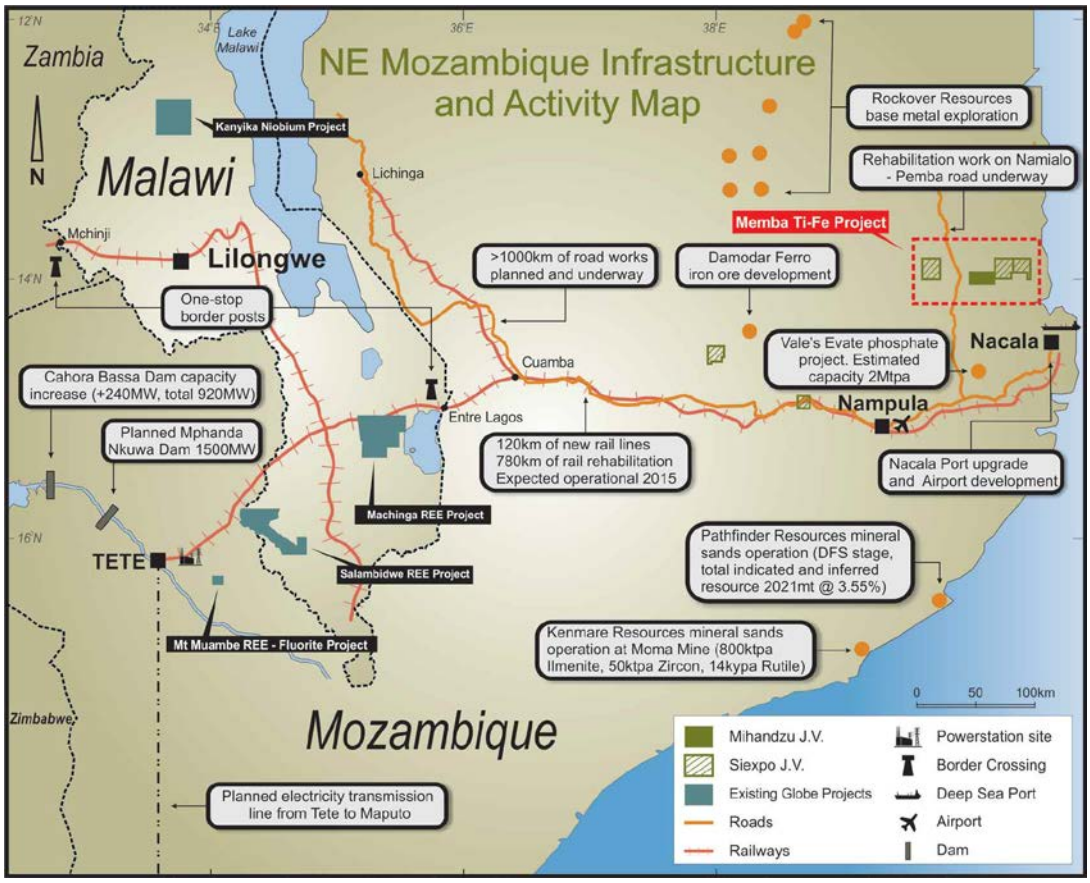


**Figure 11: NE Mozambique infrastructure and activity map.**

# 7 Salambidwe REE Project

In November 2011, the Company completed a crater wide 345 soil-pit and 78 auger sample program in conjunction with rock-chip sampling to confirm the results from the 2010 rock-chip and soil sampling program. Returned rock-chip analysis (Table 6) indicates three distinct groupings of higher TREO grades, the first roughly aligned with the NW striking fault and the airborne total count radiometrics; all appear congruent with the interpreted agglomerate zones.

Out of 42 rock-chip samples, 8 returned grades over 1500ppm TREO using a 1500ppm lower cut off. Of the 78 auger samples taken 19 returned grades over 1500ppm TREO and of the 345 soil-pits, 60 samples returned TREO results in excess of 1500ppm.

2012 activities will follow up on these results with ground radiometrics, geological mapping and further sampling.

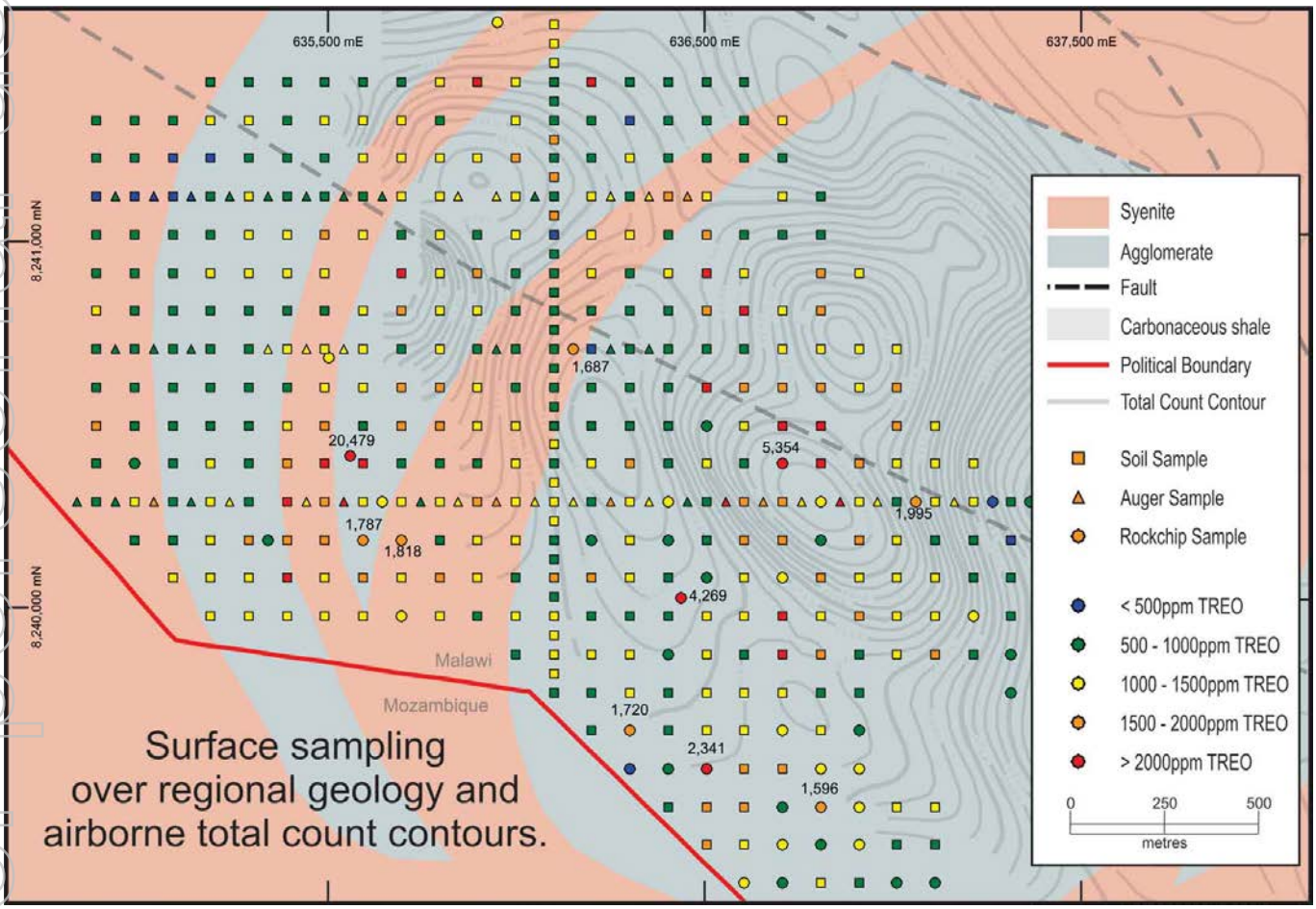


**Figure 12: Rock chip results > 1,500ppm TREO over surface sampling, regional geology and airborne total count radiometric contours.**

## About Globe Metals & Mining

Globe is an African-focused resource company, specialising in rare metals such as niobium, tantalum and rare earths, as well as other commodities including fluorite, uranium and zircon. Our main focus is the multi-commodity Kanyika Niobium Project in Malawi, which will produce ferro-niobium, a key additive in sophisticated steels.

Globe also has a number of other projects at an earlier stage of development: it is earning up to an 80% interest in the Machinga Rare Earth Project in southern Malawi, and the Company can earn up to a 90% interest in the Mount Muambe REE – Fluorite Project and the Memba Titanium – Iron Project, both in Mozambique.

Globe's corporate head office in Perth, Australia is supported by African offices in Lilongwe, Maputo, Tete and Nacala. The Company has been listed on the ASX since December 2005 (Code: GBE).

In April 2011, the Company entered into a strategic partnership with East China Mineral Exploration and Development Bureau (ECE), a Chinese State Owned Enterprise with extensive mining operations in China and overseas. ECE is now the largest shareholder in Globe, and a key partner for Globe's growth ambitions in Africa.

*Competent Person: The contents of this report relating to geology and exploration results are based on information reviewed by Dr. Julian Stephens, Member of the Australian Institute of Geoscientists and Non-Executive Director of Globe Metals & Mining. Dr Stephens has sufficient experience related to the activity being undertaken to qualify as a "Competent Person", as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves and consents to the inclusion in this report of the matters reviewed by him in the form and context in which they appear.*

*The information in this announcement that relates to Globe Metals & Mining Limited's mineral resource estimate for the Mount Muambe Project is based on information compiled by Michael Job, who is a full time employee of Quantitative Group and a Fellow of the Australasian Institute of Mining and Metallurgy. Michael Job has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a 'Competent Person' as defined in the 2004 JORC code. Michael Job consents to the inclusion in the announcement of the matters based on this information in the form and context in which it appears.*

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**Table 1: Significant REE drill intercepts – Mount Muambe.**

| Hole ID | From (m) | To (m) | Width (m)* | La2O3 (ppm) | Ce2O3 (ppm) | Nd2O3 (ppm) | Eu2O3 (ppm) | Dy2O3 (ppm) | Er2O3 (ppm) | Yb2O3 (ppm) | Y2O3 (ppm) | TREO (ppm) | HREO (ppm) | HREO: TREO | Nb2O5 (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MURC001[1] | 77 | 81 | 4 | 5,929 | 6,866 | 1,283 | 36 | 122 | 66 | 55 | 747 | 15,900 | 1,202 | 7.6% | 305 |
| **MURC006[1] | 8 | 16 | 8 | 4,745 | 8,063 | 2,752 | 153 | 376 | 216 | 188 | 2,459 | 20,849 | 4,009 | 19.2% | 2,573 |
| MURC021[1] | 6 | 16 | 10 | 7,779 | 7,824 | 1,642 | 83 | 235 | 100 | 83 | 1,363 | 20,287 | 2,193 | 10.8% | 636 |
| MURC021[1] | 42 | 44 | 2 | 12,067 | 11,981 | 2,352 | 146 | 342 | 124 | 92 | 1,559 | 30,533 | 2,869 | 9.4% | 1,709 |
| MURC042[1] | 42 | 75 | 33 | 4,864 | 10,120 | 2,790 | 47 | 93 | 56 | 49 | 635 | 20,018 | 1,035 | 5.2% | 1,008 |
| MURC052[1] | 75 | 77 | 2 | 6,411 | 7,912 | 1,554 | 39 | 85 | 36 | 29 | 426 | 17,398 | 760 | 4.4% | 806 |
| MURC080[1] | 8 | 16 | 8 | 5,211 | 8,341 | 2,331 | 70 | 131 | 66 | 52 | 779 | 18,251 | 1,339 | 7.3% | 1,255 |
| MURC081[1] | 0 | 36 | 36 | 7,658 | 11,501 | 2,950 | 81 | 169 | 102 | 86 | 1,125 | 25,260 | 1,847 | 7.3% | 2,376 |
| inc. | 0 | 16 | 16 | 13,227 | 19,262 | 4,292 | 97 | 210 | 137 | 122 | 1,508 | 41,133 | 2,417 | 5.9% | 914 |
| **MURC086 | 37 | 41 | 4 | 3,035 | 5,911 | 2,791 | 163 | 361 | 152 | 131 | 1,685 | 16,111 | 3,102 | 19.25 | 2,173 |
| **MURC089 | 4 | 8 | 4 | 5,759 | 8,497 | 1,780 | 41 | 74 | 38 | 28 | 414 | 17,620 | 726 | 4.12 | 628 |
| **MURC090 | 10 | 19 | 9 | 8,460 | 10,876 | 2,213 | 46 | 67 | 39 | 34 | 493 | 23,424 | 817 | 3.49 | 353 |
| **MURC097 | 4 | 8 | 4 | 5,013 | 10,632 | 3,619 | 94 | 134 | 60 | 50 | 672 | 22,063 | 1,280 | 5.80 | 514 |
| **MURC099 | 4 | 16 | 12 | 5,934 | 8,799 | 3,077 | 95 | 116 | 49 | 38 | 596 | 20,264 | 1,149 | 5.67 | 888 |
| **MURC108 | 20 | 24 | 4 | 5,512 | 8,698 | 2,352 | 68 | 96 | 49 | 38 | 636 | 18,709 | 1,080 | 5.77 | 499 |
| **MURC109 | 44 | 48 | 4 | 5,215 | 8,711 | 2,231 | 54 | 68 | 35 | 26 | 403 | 17,893 | 740 | 4.13 | 1,422 |
| **MURC115 | **46** | **61** | **15** | **5,965** | **7,437** | **1,634** | **41** | **76** | **41** | **34** | **475** | **16,619** | **809** | **4.87** | **323** |
| **MURC116 | 56 | 60 | 4 | 9,217 | 15,196 | 4,083 | 94 | 64 | 25 | 19 | 378 | 31,145 | 798 | 2.56 | 241 |
| **MURC117 | **14** | **61** | **47** | **5,433** | **7,566** | **1,906** | **48** | **77** | **39** | **29** | **489** | **16,616** | **839** | **5.05** | **667** |
| inc. | **14** | **24** | **10** | **6,492** | **10,330** | **3,002** | **78** | **137** | **72** | **55** | **938** | **22,697** | **1,542** | **6.79** | **753** |
| inc. | **44** | **61** | **17** | **8,901** | **11,346** | **2,441** | **49** | **61** | **26** | **18** | **326** | **24,455** | **620** | **2.53** | **422** |
| **MURC119 | **0** | **49** | **49** | **9,386** | **11,503** | **2,375** | **47** | **72** | **34** | **27** | **411** | **25,139** | **742** | **2.95** | **327** |
| inc. | **0** | **8** | **8** | **13,607** | **15,057** | **2,698** | **52** | **99** | **43** | **31** | **550** | **33,650** | **953** | **2.83** | **402** |
| inc. | **20** | **40** | **20** | **9,386** | **15,724** | **3,372** | **61** | **64** | **27** | **22** | **327** | **34,723** | **658** | **1.90** | **396** |
| **MURC124 | **24** | **70** | **46** | **7,466** | **12,045** | **3,477** | **88** | **133** | **61** | **46** | **777** | **25,883** | **1,374** | **5.31** | **787** |
| inc. | **40** | **60** | **20** | **9,893** | **15,703** | **4,016** | **96** | **125** | **55** | **45** | **700** | **32,740** | **1,303** | **3.98** | **789** |
| **MURC125 | **48** | **70** | **22** | **3,089** | **7,790** | **3,217** | **78** | **116** | **52** | **38** | **661** | **16,553** | **1,173** | **7.08** | **789** |
| inc. | **56** | **60** | **4** | **7,156** | **15,809** | **4,043** | **104** | **156** | **70** | **49** | **899** | **31,366** | **1,579** | **5.03** | **451** |
| **MURC127 | 52 | 64 | 12 | 3,424 | 9,033 | 3,578 | 85 | 94 | 43 | 31 | 599 | 18,534 | 1,060 | 5.72 | 333 |
| **MURC132 | 16 | 20 | 4 | 9,124 | 13,174 | 2,955 | 54 | 73 | 38 | 28 | 474 | 27,465 | 823 | 3.00 | 399 |
| **MURC134 | 48 | 60 | 12 | 7,607 | 10,126 | 2,004 | 34 | 46 | 30 | 28 | 344 | 21,279 | 578 | 2.72 | 684 |
| **MURC137 | **24** | **43** | **19** | **5,042** | **8,328** | **2,251** | **47** | **70** | **38** | **34** | **462** | **17,404** | **794** | **4.56** | **353** |
| **MURC138 | **20** | **80** | **60** | **7,585** | **9,266** | **1,963** | **48** | **109** | **65** | **52** | **773** | **20,974** | **1,220** | **5.82** | **316** |
| inc. | **36** | **60** | **24** | **9,951** | **11,807** | **2,204** | **47** | **112** | **72** | **61** | **840** | **26,366** | **1,307** | **5.82** | **189** |
| **MURC139 | **0** | **28** | **28** | **7,394** | **8,949** | **1,938** | **50** | **119** | **72** | **62** | **859** | **20,546** | **1,350** | **6.57** | **311** |
| inc. | **4** | **16** | **12** | **10,791** | **12,884** | **2,772** | **64** | **143** | **88** | **75** | **1,026** | **29,383** | **1,628** | **5.54** | **258** |

**Only selected rare earth elements have been presented in this table due to space constraints, and therefore the TREO column will not be exactly equal with the sum of the individual REO results presented. TREO = Total Rare Earth Oxides (La through Lu + Y); HREO = more valuable Heavy Rare Earth Oxides (Eu through Lu +Y). True intercept widths are uncertain at this stage. All other holes from Table 4 contained no significant TREO results based on a 1.5% TREO cutoff.*

***Samples are 4 metre composites. 1m samples are split twice, the remainder of all 4 samples combined and the composite split to ensure homogeneity.*

*[1]Holes that were previously reported, but now with a >1.5% TREO cutoff.*

**Table 2: Mount Muambe Fluorite Resource (>10% COG).**

| Classification | Mount Muambe Fluorite Estimate | | |
|---|---|---|---|
| | Tonnes (Kt) | Fluorite Grade (%) | Product (Kt) |
| **Inferred** | 1,630 | 19 | 310 |

**Table 3: Significant fluorite drill intercepts – Mount Muambe.**

| Hole ID | From (m) | To (m) | Width (m) | Fluorite |
|---|---|---|---|---|
| MURC001 | 0 | 15 | 15 | 43.6% |
| Inc. | 4 | 14 | 10 | 52.9% |
| MURC002 | 4 | 20 | 16 | 13.5% |
| | 46 | 50 | 4 | 19.9% |
| MURC003 | 0 | 7 | 7 | 42.8% |
| MURC004 | 0 | 4 | 4 | 42.4% |
| | 46 | 51 | 5 | 18.6% |
| MURC005 | 14 | 20 | 6 | 13.1% |
| MURC006 | 0 | 26 | 26 | 11.6% |
| Inc. | 20 | 23 | 3 | 19.7% |
| MURC009 | 0 | 14 | 14 | 33.3% |
| Inc. | 0 | 7 | 7 | 41.5% |
| | 29 | 33 | 4 | 54.5% |
| MURC010 | 9 | 19 | 10 | 17.9% |
| MURC011 | 0 | 8 | 8 | 47.6% |
| Inc. | 3 | 7 | 4 | 62.2% |
| | 18 | 33 | 15 | 41.1% |
| Inc. | 22 | 32 | 10 | 54.8% |
| | 39 | 43 | 4 | 16.2% |
| MURC012 | 1 | 15 | 14 | 17.7% |
| Inc. | 13 | 15 | 2 | 42.3% |
| MURC013 | 17 | 24 | 7 | 11.6% |
| MURC014 | No significant result | | | |
| MURC015 | No significant result | | | |
| MURC016 | 1 | 3 | 2 | 26.6% |
| MURC017 | 1 | 5 | 4 | 17.4% |
| | 47 | 49 | 2 | 29.0% |
| MURC018 | 0 | 18 | 18 | 26.5% |
| inc. | 0 | 14 | 14 | 31.7% |
| MURC019 | 8 | 47 | 39 | 17.8% |
| inc. | 15 | 27 | 12 | 33.8% |
| MURC020 | 0 | 21 | 21 | 26.7% |
| inc. | 0 | 9 | 9 | 41.1% |
| MURC021 | 0 | 30 | 30 | 28.4% |
| inc. | 2 | 17 | 15 | 38.0% |
| MURC022 | 3 | 8 | 5 | 12.8% |

| Hole ID | From (m) | To (m) | Width (m) | Fluorite |
|---|---|---|---|---|
| MURC023 | 17 | 28 | 11 | 18.3% |
| MURC024 | 1 | 12 | 11 | 15.4% |
| MURC025 | 0 | 8 | 8 | 31.4% |
| MURC026 | 51 | 54 | 3 | 33.7% |
| MURC027 | 34 | 37 | 3 | 14.8% |
| MURC028 | 0 | 9 | 9 | 23.6% |
| MURC029 | 31 | 37 | 6 | 22.6% |
| | 49 | 55 | 6 | 41.6% |
| MURC030 | 0 | 27 | 27 | 19.6% |
| inc. | 9 | 15 | 6 | 41.9% |
| MURC031 | 0 | 18 | 18 | 20.6% |
| MURC032 | 0 | 8 | 8 | 24.5% |
| | 25 | 28 | 3 | 34.2% |
| | 38 | 44 | 6 | 37.5% |
| MURC033 | 10 | 18 | 8 | 21.5% |
| | 24 | 29 | 5 | 39.1% |
| MURC034 | 0 | 9 | 9 | 18.1% |
| | 31 | 36 | 5 | 14.7% |
| MURC035 | No significant result | | | |
| MURC036 | 0 | 13 | 13 | 13.9% |
| MURC037 | 12 | 22 | 10 | 12.9% |
| MURC038 | 1 | 7 | 6 | 12.0% |
| | 14 | 20 | 6 | 10.7% |
| MURC039 | No significant result | | | |
| MURC040 | 0 | 17 | 17 | 10.4% |
| | 22 | 25 | 3 | 16.2% |
| MURC041 | 0 | 11 | 11 | 12.5% |
| | 19 | 32 | 13 | 12.6% |
| MURC042 | 0 | 5 | 5 | 17.4% |
| MURC043 | No significant result | | | |
| MURC044 | 0 | 16 | 16 | 12.4% |
| MURC045 | 1 | 4 | 3 | 20.6% |
| MURC046 | No significant result | | | |
| MURC047 | 0 | 9 | 9 | 16.1% |
| inc. | 0 | 4 | 4 | 21.9% |
| MURC048 | 0 | 18 | 18 | 12.6% |
| | 64 | 68 | 4 | 10.3% |
| MURC049 | 0 | 3 | 3 | 19.1% |
| | 8 | 31 | 23 | 17.3% |
| inc. | 13 | 19 | 6 | 24.0% |
| inc. | 24 | 28 | 4 | 22.5% |
| MURC049 | 48 | 52 | 4 | 12.2% |
| MURC050 | 8 | 13 | 5 | 50.0% |
| MURC051 | 2 | 9 | 7 | 12.0% |
| | 83 | 87 | 4 | 13.1% |
| MURC052 | No significant result | | | |
| MURC053 | 0 | 11 | 11 | 14.4% |

| Hole ID | From (m) | To (m) | Width (m) | Fluorite |
|---|---|---|---|---|
| inc. | 0 | 3 | 3 | 23.7% |
| MURC053 | 36 | 39 | 3 | 11.2% |
| MURC054 | 19 | 26 | 7 | 19.2% |
| MURC055 | 15 | 33 | 18 | 40.9% |
| inc. | 16 | 30 | 14 | 48.4% |
| MURC055 | 45 | 51 | 6 | 26.7% |
| inc. | 47 | 50 | 3 | 45.3% |
| MURC055 | 59 | 62 | 3 | 14.7% |
| MURC056 | 3 | 13 | 10 | 23.4% |
| inc. | 3 | 10 | 7 | 27.5% |
| MURC057 | Not sampled for fluorite | | | |
| MURC058 | 1 | 7 | 6 | 15.9% |
| MURC059 | 13 | 20 | 7 | 12.9% |
| MURC060 | 17 | 22 | 5 | 12.5% |
| MURC061 | Not sampled for fluorite | | | |
| MURC062 | 1 | 10 | 9 | 15.7% |
| MURC063 | 8 | 15 | 7 | 13.7% |
| MURC064 | 0 | 19 | 19 | 14.7% |
| MURC065 | Not sampled for fluorite | | | |
| MURC066 | 2 | 21 | 19 | 12.9% |
| MURC067 | 0 | 5 | 5 | 20.4% |
| | 9 | 17 | 8 | 18.3% |
| MURC068 | 0 | 5 | 5 | 26.3% |
| inc. | 1 | 4 | 3 | 32.9% |
| MURC069 | 6 | 9 | 3 | 11.6% |
| | 35 | 50 | 15 | 10.9% |
| | 55 | 60 | 5 | 11.9% |
| MURC070 | 1 | 13 | 12 | 17.1% |
| inc. | 4 | 8 | 4 | 26.8% |
| MURC071 | 1 | 9 | 8 | 14.0% |
| | 31 | 34 | 3 | 12.9% |
| MURC072 | Not sampled for fluorite | | | |
| MURC073 | Not sampled for fluorite | | | |
| MURC074 | Not sampled for fluorite | | | |
| MURC075 | Not sampled for fluorite | | | |
| MURC076 | Not sampled for fluorite | | | |
| MURC077 | 0 | 5 | 5 | 23.9% |
| MURC078 | 0 | 4 | 4 | 16.7% |
| MURC079 | No significant result | | | |
| MURC080 | No significant result | | | |
| MURC081 | No significant result | | | |

**True widths of intercepts are uncertain. Fluorite results are based on a 10% cutoff.*

**Table 4: RC drillhole information – Mount Muambe.**

| Hole ID | Depth (m) | Easting (m) | Northing (m) | RL (m) | Dip | Azimuth | Zone |
|---|---|---|---|---|---|---|---|
| MURC0011 | 103 | 615253 | 8194699 | 535 | -55° | 270° | Main Fluorite Zone |
| MURC0021 | 85 | 615218 | 8194662 | 532 | -55° | 090° | Main Fluorite Zone |
| MURC0031 | 60 | 615239 | 8194818 | 556 | -55° | 270° | Main Fluorite Zone |
| MURC0041 | 60 | 615206 | 8194782 | 562 | -55° | 090° | Main Fluorite Zone |
| MURC0051 | 70 | 615179 | 8194819 | 569 | -55° | 270° | Main Fluorite Zone |
| MURC0061 | 74 | 615182 | 8194859 | 570 | -55° | 270° | Main Fluorite Zone |
| MURC0071 | 22 | 615209 | 8194859 | 568 | -90° | 000° | Main Fluorite Zone |
| MURC0081 | 25 | 615200 | 8194860 | 568 | -90° | 000° | Main Fluorite Zone |
| MURC0091 | 43 | 615211 | 8194840 | 567 | -90° | 000° | Main Fluorite Zone |
| MURC0101 | 64 | 615212 | 8194821 | 567 | -90° | 000° | Main Fluorite Zone |
| MURC0111 | 64 | 615210 | 8194800 | 566 | -90° | 000° | Main Fluorite Zone |
| MURC0121 | 120 | 615201 | 8194850 | 569 | -55° | 180° | Main Fluorite Zone |
| MURC0131 | 100 | 615168 | 8194780 | 569 | -55° | 000° | Main Fluorite Zone |
| MURC0141 | 46 | 615216 | 8194898 | 571 | -55° | 270° | Main Fluorite Zone |
| MURC0151 | 90 | 615213 | 8194879 | 575 | -90° | 000° | Main Fluorite Zone |
| MURC0161 | 95 | 615194 | 8194880 | 577 | -90° | 000° | Main Fluorite Zone |
| MURC0171 | 85 | 615221 | 8194840 | 570 | -90° | 000° | Main Fluorite Zone |
| MURC0181 | 90 | 615199 | 8194838 | 571 | -90° | 000° | Main Fluorite Zone |
| MURC0191 | 100 | 615182 | 8194840 | 573 | -90° | 000° | Main Fluorite Zone |
| MURC0201 | 86 | 615233 | 8194800 | 558 | -90° | 000° | Main Fluorite Zone |
| MURC0211 | 100 | 615191 | 8194801 | 562 | -90° | 000° | Main Fluorite Zone |
| MURC0221 | 101 | 615172 | 8194801 | 567 | -90° | 000° | Main Fluorite Zone |
| MURC0231 | 61 | 615161 | 8194838 | 578 | -90° | 000° | Main Fluorite Zone |
| MURC0241 | 18 | 615141 | 8194839 | 571 | -90° | 000° | Main Fluorite Zone |
| MURC0251 | 88 | 615121 | 8194841 | 569 | -90° | 000° | Main Fluorite Zone |
| MURC0261 | 103 | 615130 | 8194879 | 575 | -90° | 000° | Main Fluorite Zone |
| MURC0271 | 100 | 615250 | 8194879 | 581 | -90° | 000° | Main Fluorite Zone |
| MURC0281 | 55 | 615170 | 8194881 | 577 | -90° | 000° | Main Fluorite Zone |
| MURC0291 | 95 | 615241 | 8194762 | 560 | -90° | 000° | Main Fluorite Zone |
| MURC0301 | 84 | 615225 | 8194761 | 554 | -90° | 000° | Main Fluorite Zone |
| MURC0311 | 100 | 615181 | 8194761 | 563 | -90° | 000° | Main Fluorite Zone |
| MURC0321 | 95 | 615201 | 8194760 | 558 | -90° | 000° | Main Fluorite Zone |
| MURC0331 | 100 | 615162 | 8194760 | 561 | -90° | 000° | Main Fluorite Zone |
| MURC0341 | 100 | 615143 | 8194761 | 559 | -90° | 000° | Main Fluorite Zone |
| MURC0351 | 100 | 615152 | 8194800 | 565 | -90° | 000° | Main Fluorite Zone |
| MURC0361 | 90 | 615101 | 8195001 | 591 | -90° | 000° | Main North Extension |
| MURC0371 | 82 | 615141 | 8195000 | 593 | -90° | 000° | Main North Extension |

| Hole ID | Depth (m) | Easting (m) | Northing (m) | RL (m) | Dip | Azimuth | Zone |
|---|---|---|---|---|---|---|---|
| MURC0381 | 90 | 615182 | 8194999 | 593 | -90° | 000° | Main North Extension |
| MURC0391 | 74 | 615243 | 8195002 | 588 | -90° | 000° | Main North Extension |
| MURC0401 | 90 | 615191 | 8194962 | 581 | -90° | 000° | Main North Extension |
| MURC0411 | 90 | 615170 | 8194961 | 589 | -90° | 000° | Main North Extension |
| MURC0421 | 90 | 615151 | 8194961 | 591 | -90° | 000° | Main North Extension |
| MURC0431 | 22 | 615211 | 8194960 | 587 | -90° | 000° | Main North Extension |
| MURC0441 | 90 | 615132 | 8194960 | 591 | -90° | 000° | Main North Extension |
| MURC0451 | 80 | 615240 | 8194838 | 554 | -90° | 000° | Main Fluorite Zone |
| MURC0461 | 70 | 615279 | 8194799 | 543 | -90° | 000° | Main Fluorite Zone |
| MURC0471 | 95 | 615192 | 8194720 | 546 | -90° | 000° | Main Fluorite Zone |
| MURC0481 | 95 | 615210 | 8194720 | 543 | -90° | 000° | Main Fluorite Zone |
| MURC0491 | 94 | 615250 | 8194720 | 535 | -90° | 000° | Main Fluorite Zone |
| MURC0501 | 95 | 615229 | 8194720 | 539 | -90° | 000° | Main Fluorite Zone |
| MURC0511 | 90 | 615182 | 8194679 | 536 | -90° | 000° | Main Fluorite Zone |
| MURC0521 | 95 | 615198 | 8194679 | 536 | -90° | 000° | Main Fluorite Zone |
| MURC0531 | 95 | 615220 | 8194680 | 534 | -90° | 000° | Main Fluorite Zone |
| MURC0541 | 95 | 615236 | 8194679 | 532 | -90° | 000° | Main Fluorite Zone |
| MURC0551 | 90 | 615259 | 8194680 | 529 | -90° | 000° | Main Fluorite Zone |
| MURC0561 | 79 | 615239 | 8194357 | 555 | -90° | 000° | Main South Extension |
| MURC0571 | 28 | 615260 | 8194359 | 556 | -90° | 000° | Main South Extension |
| MURC0581 | 34 | 615298 | 8194360 | 559 | -90° | 000° | Main South Extension |
| MURC0591 | 28 | 615342 | 8194361 | 560 | -90° | 000° | Main South Extension |
| MURC0601 | 37 | 615198 | 8194360 | 553 | -90° | 000° | Main South Extension |
| MURC0611 | 28 | 615360 | 8194361 | 560 | -90° | 000° | Main South Extension |
| MURC0621 | 50 | 615321 | 8194360 | 560 | -55° | 090° | Main South Extension |
| MURC0631 | 60 | 615189 | 8194398 | 546 | -90° | 000° | Main South Extension |
| MURC0641 | 60 | 615210 | 8194400 | 546 | -90° | 000° | Main South Extension |
| MURC0651 | 58 | 615229 | 8194399 | 549 | -90° | 000° | Main South Extension |
| MURC0661 | 79 | 615160 | 8194440 | 533 | -90° | 000° | Main South Extension |
| MURC0671 | 43 | 615178 | 8194440 | 535 | -90° | 000° | Main South Extension |
| MURC0681 | 40 | 615199 | 8194440 | 539 | -90° | 000° | Main South Extension |
| MURC0691 | 76 | 615139 | 8194440 | 530 | -90° | 000° | Main South Extension |
| MURC0701 | 46 | 615149 | 8194480 | 527 | -90° | 000° | Main South Extension |
| MURC0711 | 46 | 615168 | 8194480 | 530 | -90° | 000° | Main South Extension |
| MURC0721 | 150 | 616241 | 8194877 | 497 | -90° | 000° | Zone EE |
| MURC0731 | 150 | 616202 | 8194798 | 496 | -90° | 000° | Zone EE |
| MURC0741 | 150 | 616123 | 8194799 | 498 | -90° | 000° | Zone EE |
| MURC0751 | 150 | 616244 | 8194719 | 502 | -90° | 000° | Zone EE |

| Hole ID | Depth (m) | Easting (m) | Northing (m) | RL (m) | Dip | Azimuth | Zone |
|---|---|---|---|---|---|---|---|
| MURC0761 | 150 | 616120 | 8194640 | 498 | -90° | 000° | Zone EE |
| MURC0771 | 57 | 615219 | 8195699 | 557 | -55° | 090° | Zone DD |
| MURC0781 | 50 | 615139 | 8195700 | 565 | -55° | 090° | Zone DD |
| MURC0791 | 30 | 615302.5 | 8195700 | 544 | -55° | 090° | Zone DD |
| MURC0801 | 70 | 615378.6 | 8195699 | 533 | -55° | 090° | Zone DD |
| MURC0811 | 70 | 615458.9 | 8195700 | 525 | -55° | 090° | Zone DD |
| MURC082 | 58 | 616682 | 8196160 | 510 | -55° | 180° | Zone GG |
| MURC083 | 40 | 616561 | 8196045 | 513 | -55° | 180° | Zone GG |
| MURC084 | 30 | 616603 | 8196083 | 509 | -55° | 180° | Zone GG |
| MURC085 | 67 | 616638 | 8196126 | 511 | -55° | 180° | Zone GG |
| MURC086 | 58 | 616686 | 8196087 | 508 | -55° | 180° | Zone GG |
| MURC087 | 40 | 616683 | 8196004 | 506 | -55° | 180° | Zone GG |
| MURC088 | 19 | 616681 | 8195923 | 508 | -55° | 180° | Zone GG |
| MURC089 | 28 | 616601 | 8195905 | 512 | -55° | 180° | Zone GG |
| MURC090 | 31 | 616681 | 8195905 | 514 | -55° | 180° | Zone GG |
| MURC091 | 70 | 616562 | 8195943 | 515 | -55° | 180° | Zone GG |
| MURC092 | 19 | 616542 | 8195964 | 516 | -55° | 180° | Zone GG |
| MURC093 | 72 | 615680 | 8196264 | 535 | -55° | 180° | Zone CC |
| MURC094 | 73 | 615643 | 8196242 | 535 | -55° | 180° | Zone CC |
| MURC095 | 70 | 615601 | 8196223 | 534 | -55° | 180° | Zone CC |
| MURC096 | 66 | 615563 | 8196202 | 531 | -55° | 180° | Zone CC |
| MURC097 | 40 | 617041 | 8196086 | 516 | -55° | 180° | Zone BB |
| MURC098 | 50 | 617041 | 8196124 | 514 | -55° | 180° | Zone BB |
| MURC099 | 70 | 617041 | 8196166 | 514 | -55° | 180° | Zone BB |
| MURC100 | 61 | 617042 | 8196206 | 517 | -55° | 180° | Zone BB |
| MURC101 | 52 | 617041 | 8196244 | 518 | -55° | 180° | Zone BB |
| MURC102 | 59 | 617122 | 8196164 | 517 | -55° | 180° | Zone BB |
| MURC103 | 70 | 617123 | 8196201 | 517 | -55° | 180° | Zone BB |
| MURC104 | 60 | 617125 | 8196244 | 520 | -55° | 180° | Zone BB |
| MURC105 | 60 | 617183 | 8196182 | 520 | -55° | 180° | Zone BB |
| MURC106 | 49 | 617123 | 8196103 | 517 | -55° | 180° | Zone BB |
| MURC107 | 50 | 617182 | 8196028 | 527 | -55° | 180° | Zone BB |
| MURC108 | 40 | 617222 | 8195964 | 536 | -55° | 180° | Zone BB |
| MURC109 | 52 | 617143 | 8195965 | 531 | -55° | 180° | Zone BB |
| MURC110 | 70 | 616602 | 8196278 | 513 | -55° | 180° | Zone GG |
| MURC111 | 70 | 616643 | 8196245 | 512 | -55° | 180° | Zone GG |
| MURC112 | 58 | 616681 | 8196201 | 510 | -55° | 180° | Zone GG |
| MURC113 | 50 | 616600 | 8196012 | 512 | -55° | 180° | Zone GG |

| Hole ID | Depth (m) | Easting (m) | Northing (m) | RL (m) | Dip | Azimuth | Zone |
|---|---|---|---|---|---|---|---|
| MURC114 | 49 | 617343 | 8196182 | 536 | -55° | 180° | Zone BB |
| MURC115 | 61 | 617182 | 8195886 | 546 | -55° | 180° | Zone BB |
| MURC116 | 60 | 617303 | 8195967 | 539 | -55° | 180° | Zone BB |
| MURC117 | 60 | 617264 | 8195886 | 550 | -55° | 180° | Zone BB |
| MURC118 | 50 | 617237 | 8196089 | 528 | -55° | 180° | Zone BB |
| MURC119 | 49 | 617061 | 8195889 | 531 | -55° | 180° | Zone BB |
| MURC120 | 64 | 615442 | 8196144 | 534 | -55° | 090° | Zone CC |
| MURC121 | 60 | 615402 | 8196144 | 538 | -55° | 090° | Zone CC |
| MURC122 | 60 | 615364 | 8196144 | 537 | -55° | 090° | Zone CC |
| MURC123 | 60 | 615322 | 8196143 | 539 | -55° | 090° | Zone CC |
| MURC124 | 70 | 616961 | 8196642 | 531 | -55° | 180° | Zone AA |
| MURC125 | 70 | 617001 | 8196686 | 537 | -55° | 180° | Zone AA |
| MURC126 | 60 | 617046 | 8196722 | 542 | -55° | 180° | Zone AA |
| MURC127 | 70 | 617081 | 8196684 | 538 | -55° | 180° | Zone AA |
| MURC128 | 70 | 617089 | 8196759 | 543 | -55° | 180° | Zone AA |
| MURC129 | 70 | 617121 | 8196725 | 542 | -55° | 180° | Zone AA |
| MURC130 | 70 | 617158 | 8196758 | 545 | -55° | 180° | Zone AA |
| MURC131 | 70 | 617198 | 8196781 | 553 | -55° | 180° | Zone AA |
| MURC132 | 70 | 615199 | 8195666 | 557 | -55° | 090° | Zone DD |
| MURC133 | 70 | 615237 | 8195669 | 552 | -55° | 090° | Zone DD |
| MURC134 | 70 | 615261 | 8195707 | 545 | -55° | 090° | Zone DD |
| MURC135 | 70 | 615286 | 8195666 | 544 | -55° | 090° | Zone DD |
| MURC136 | 75 | 615316 | 8195664 | 540 | -55° | 090° | Zone DD |
| MURC137 | 70 | 615066 | 8195569 | 578 | -55° | 090° | Zone DD |
| MURC138 | 80 | 615087 | 8195586 | 581 | -55° | 090° | Zone DD |
| MURC139 | 70 | 615120 | 8195582 | 577 | -55° | 090° | Zone DD |
| MURC140 | 250 | 615603 | 8195503 | 509 | -90 | 000° | SE Zone DD |
| MURC141 | 200 | 616402 | 8194155 | 477 | -55° | 225° | Zone MAG1 |
| MURC142 | 200 | 616471 | 8194223 | 476 | -55° | 225° | Zone MAG2 |

[1]*Previously reported hole.*

**Table 5: Previously reported significant Ti-V-Fe rock-chip results, Memba.**

| Sample ID | Easting | Northing | $TiO_2$% | Fe% | $V_2O_5$% | $Al_2O_3$% | $SiO_2$% | P% | S% |
|---|---|---|---|---|---|---|---|---|---|
| N004154 | 625341 | 8454654 | **50.0** | 35.9 | **0.42** | 0.4 | 0.9 | 0.003 | X |
| N004139 | 623319 | 8454558 | **48.8** | 35.4 | **0.38** | 0.5 | 1.6 | 0.002 | X |
| N004145 | 624357 | 8454574 | **47.7** | 34.6 | **0.33** | 0.4 | 3.2 | 0.004 | X |
| N004165 | 624420 | 8454562 | **46.0** | 33.5 | **0.35** | 0.7 | 5.0 | 0.004 | X |
| N004141 | 623626 | 8454549 | **43.9** | 35.4 | **0.41** | 0.6 | 4.4 | 0.003 | X |
| N004158 | 623773 | 8455267 | 1.4 | **67.2** | 0.16 | 1.3 | 1.1 | 0.007 | X |
| N004150 | 625198 | 8455312 | 1.1 | **66.5** | 0.21 | 1.5 | 1.7 | 0.004 | 0.002 |

**A total of 25 rock-chip samples were taken in the program, of which the seven reported represent mineralised zones identified in the field. Cut-off grades for reporting for both $TiO_2$ and Fe are 30%. 'X' denotes below detection limits.*

**Table 6: Significant REE rock chips – Salambidwe.**

| Sample ID | Easting | Northing | La2O3 (ppm) | Ce2O3 (ppm) | Nd2O3 (ppm) | Eu2O3 (ppm) | Dy2O3 (ppm) | Er2O3 (ppm) | Yb2O3 (ppm) | Y2O3 (ppm) | TREO (ppm) | HREO (ppm) | HREO: TREO | Nb2O5 (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **L4050 | 635566 | 8240421 | 4780 | 8903 | 3404 | 11 | 214 | 95 | 57 | 1047 | 20479 | 1911 | 9.33% | 911 |
| **L4053 | 636434 | 8240049 | 693 | 1561 | 384 | 4 | 112 | 78 | 81 | 1012 | 4269 | 1419 | 33.24% | 7924 |
| Y2206 | 636800 | 8239500 | 430 | 571 | 279 | 1 | 24 | 11 | 9 | 106 | 1596 | 192 | 12.00% | 535 |
| Y2210 | 636500 | 8239600 | 694 | 672 | 415 | 2 | 39 | 21 | 19 | 222 | 2341 | 366 | 15.63% | 645 |
| Y2213 | 636300 | 8239700 | 488 | 550 | 325 | 4 | 25 | 10 | 8 | 122 | 1720 | 215 | 12.51% | 192 |
| Y2227 | 635600 | 8240200 | 451 | 710 | 324 | 1 | 21 | 8 | 6 | 82 | 1787 | 160 | 8.95% | 270 |
| Y2228 | 635700 | 8240200 | 532 | 450 | 439 | 4 | 25 | 9 | 7 | 110 | 1818 | 207 | 11.38% | 236 |
| Y2234 | 637050 | 8240300 | 463 | 899 | 299 | 1 | 25 | 11 | 9 | 110 | 1995 | 196 | 9.81% | 436 |
| Y2240 | 636700 | 8240400 | 1337 | 2357 | 833 | 3 | 57 | 23 | 17 | 251 | 5354 | 450 | 8.40% | 1285 |
| Y2246 | 636150 | 8240700 | 357 | 721 | 224 | 2 | 30 | 16 | 15 | 170 | 1687 | 278 | 16.48% | 715 |

**Only selected rare earth elements have been presented in this table due to space constraints, and therefore the TREO column will not be exactly equal with the sum of the individual REO results presented. TREO = Total Rare Earth Oxides (La through Lu + Y); HREO = more valuable Heavy Rare Earth Oxides (Eu through Lu +Y). 8 out of 42 rock chip samples returned grades over 1500ppm TREO using a TREO cut-off of 1500ppm TREO.*
*** Previously reported.*